XXXI International Congress of the International Academy of Pathology
and
28th Congress of the European Society of Pathology

Predictive Pathology, Guiding and Monitoring Therapy

25 – 29 September 2016
Congress-Centrum Ost Koelnmesse, Cologne, Germany

www.iap2016.com
www.esp-congress.org

jointly organised by
➤ German Division of the IAP
➤ European Society of Pathology
Host Organisation
German Division of the International Academy of Pathology, Inc.
Joseph-Schumpeter-Allee 33
53227 Bonn, Germany
www.iap-bonn.de

European Society of Pathology
Rue Bara 6
1070 Brussels, Belgium
www.esp-pathology.org

Scientific Contacts
Martina Schmidt
Managing Director of the German Division of the IAP
Joseph-Schumpeter-Allee 33
53227 Bonn, Germany
Email: martina.schmidt@iap-bonn.de

Raed Al Dieri
ESP Scientific Director
Rue Bara 6
1070 Brussels, Belgium
Email: r.aldieri@esp-pathology.org
# Table of Contents

- **Welcome Address** ........................................... 4
- **Organisers and Committees** ............................... 5
- **Conveners** .................................................... 7
- **Keynote Speakers** ........................................... 9
- **Bursaries** ....................................................... 13
- **CME Accreditation** ......................................... 14
- **Venue Overview** .............................................. 15
- **Programme Overview** ....................................... 16
  - Colour Legend ................................................. 16
  - Sunday, 25 September 2016 ............................... 17
  - Monday, 26 September 2016 .............................. 18
  - Tuesday, 27 September 2016 ............................. 20
  - Wednesday, 28 September 2016 .......................... 22
  - Thursday, 29 September 2016 ........................... 24
- **Scientific Programme** ....................................... 27
  - Sunday, 25 September 2016 ............................... 28
  - Monday, 26 September 2016 .............................. 28
  - Tuesday, 27 September 2016 ............................. 39
  - Wednesday, 28 September 2016 .......................... 51
  - Thursday, 29 September 2016 ........................... 63
- **Two Day Symposium for Molecular Biologists** ............. 73
  - Monday, 26 September 2016 ............................... 74
  - Tuesday, 27 September 2016 ............................. 75
- **One Day Symposium for Information Technology** .......... 77
  - Wednesday, 28 September 2016 .......................... 78
- **One Day Workshop for Technicians (TEC)** ................. 79
  - Thursday, 29 September 2016 ........................... 80
- **Poster Sessions** ............................................. 81
  - Monday, 26 September 2016 .............................. 82
  - Tuesday, 27 September 2016 ............................. 98
  - Wednesday, 28 September 2016 .......................... 114
  - Thursday, 29 September 2016 ........................... 130
- **E-Posters** .................................................... 147
- **Congress Information** .................................... 181
- **Industry Symposia** ....................................... 187
- **Acknowledgements** ....................................... 195
- **Exhibition Floor Plan** .................................... 199
- **List of Exhibitors** ........................................ 200
- **Social Events** ............................................... 205
- **Tours** ......................................................... 210
- **Index of Authors** ......................................... 215

---

**Congress and Exhibition Office**

CPO HANSER SERVICE GmbH
Paulsborner Str. 44
14193 Berlin, Germany
Phone: +49–30–300 669-0
Fax: +49–30–305 73 91
Email: esp-iap-2016@cpo-hanser.de

**Congress Venue**

Congress-Centrum Ost Koelnmesse
Deutz-Mülheimer Straße 51
50679 Köln, Germany
www.koelnkongress.de

www.iap2016.com
www.esp-congress.org
Dear Colleague,

Welcome to the XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology which is for the first time organised as a joint venture.

Cologne is Germany’s fourth-largest city, and is the largest city both in the German Federal State of North Rhine-Westphalia and within the Rhine-Ruhr Metropolitan Area, one of the major European metropolitan areas with more than ten million inhabitants. Cologne is located on both sides of the Rhine River. The city’s famous Cologne Cathedral is the seat of the Catholic Archbishop of Cologne. The University of Cologne is one of Europe’s oldest and largest universities. Cologne is a major cultural centre for the Rhineland; it is home to more than thirty museums and hundreds of galleries. Exhibitions range from local ancient Roman archeological sites to contemporary graphics and sculptures.

On behalf of the German Division of the International Academy of Pathology and the European Society of Pathology we are looking forward to an exciting and stimulating congress that will reflect recent developments in diagnostic and molecular pathology.

The motto of the Congress – Predictive Pathology, Guiding and Monitoring Therapy – indicates the future role of pathology as a strong partner for the different clinical specialties. The scientific programme includes science, translational research and clinical application to provide delegates with information on recent research findings, new technologies and up to date education.

In addition to providing an interesting scientific and educational programme the IAP/ESP 2016 meeting serves as a get-together for pathologists and scientists from all over the world in a friendly atmosphere.

We look forward to seeing you and spending a great time in Cologne.

Dietmar Schmidt & Pierre Bedossa

Congress Presidents 2016
The concept of an international academy of pathology originated in 1906 when Maude Abbott, M.D. from the McGill University in Montreal, Canada, Major James Carroll from Washington, D.C. and W. G. MacCallum, M.D. from Baltimore, Maryland met at the Army Medical Museum in Washington, D.C., and later in Baltimore, Maryland and formed an organizing committee to establish an International Association of Medical Museums. A letter of invitation was sent to the leading medical museums throughout the world requesting them to join in forming an international association. This led to the formal organisation of the International Association of Medical Museums (IAMM).

In 1955 the name of the IAMM was changed to the International Academy of Pathology (IAP). In 1969, new Constitution and Bylaws formalized both the Divisional and International organisation of the International Academy of Pathology. Divisions evolved in various countries throughout the world. Today, the IAP consists of 56 divisions of which the largest is the US-Canadian Division followed by the German Division.

The German Division of the IAP was founded in 1964 by an initiative of Prof. Herwig Hamperl. The First Business Meeting with the election of the first board was held during the 49th Meeting of the German Society of Pathology in 1965, in the city of Saarbrücken. On July 10, 1967, the first symposium of the German Division was organised in the auditorium of the Institute of Pathology of the University of Bonn. The German IAP division has been a German speaking organisation with members not only from Germany but also Austria and Switzerland and recently also from non-German speaking countries. In Germany, it represents one of the three professional organisations for pathology. The main focus of the professional activities of the German IAP division is practice-oriented and timely education and training for board certified pathologists and trainees. The headquarters of the German Division is located in Bonn providing ample space for teaching rooms and office. It harbours an auditorium with up-to-date audio-visual facilities and microscopes for 63 people. Since its beginning the division has developed a continuing educational program that consists of an annual 3-day symposium in February or March, case-based whole day tutorials on most weekends over the year, and satellite meetings. In addition, joint meetings and courses have been organized with other divisions. The other two organisations are the German Society of Pathology, founded in 1897, focusing on research and academic pathology and the Professional Organisation of the German Pathologists dealing with political and economic issues.

German Division of the International Academy of Pathology, Inc.
Joseph-Schumpeter-Allee 33
53227 Bonn, Germany
Phone: +49 – 228-282404
Fax: +49 – 228-284796
Email: sekretariat@iap-bonn.de
www.iap-bonn.de

The European Society of Pathology (ESP) was established in 1963 in Brussels and is a leading force in European pathology and, as such, is pivotal to the future of the specialty in Europe and beyond. As a scientific society, the ESP has, as its primary aim, the promotion of high quality diagnostic practice, applied and translational research and undergraduate and postgraduate education in the field of human pathology. This is achieved through its congresses, its journal Virchows Archiv and various other activities. The ESP interacts with national pathology societies in Europe and has developed links with other EU bodies in close collaboration with UEMS (Union Européenne des Médecins Spécialistes) and EAPCP (European Association of Pathology Chairs and Programme Directors).

The European School of Pathology under the auspices of the ESP and with the support of 19 Working Groups representing different fields of pathology is involved in the organisation of courses to meet the needs of young pathologists. The ESP also provides an infrastructure for quality assurance projects in diagnostic molecular pathology, such as the ESP QA KRAS project for testing of colorectal cancer.
Organisers and Committees

Office of the ESP
Rue Bara 6, 1070 Brussels, Belgium
Phone: +32–25208036
Email: info@esp-pathology.org
www.esp-pathology.org

Scientific/Organising Committee
Dietmar Schmidt, Germany
Pierre Bedossa, France
Sigurd Lax, Austria
Han van Krieken, The Netherlands
Fátima Carneiro, Portugal
Reinhard Büttner, Germany

Executive Council of the ESP
President:
Pierre Bedossa, France
President-elect:
Dina Tiniakos, Greece
Secretary:
Ilmo Leivo, Finland
Treasurer:
Marco Santucci, Italy
Past President:
Han van Krieken, The Netherlands
Members:
Peter Schirmacher, Germany
Metka Volavšek, Slovenia
Tibor Tot, Sweden
Cord Langner, Austria
Xavier Mathias-Guiu, Spain
Gordan M. Vujanic, UK
Aleš Ryška, Czech Republic
Holger Moch, Switzerland
Chair of the Advisory Board:
Fátima Carneiro, Portugal
ESP Scientific Director:
Raed Al Dieri, The Netherlands

IAP Council Executive
President:
Eduardo Santini-Araujo, Argentina
President Elect:
George Kontogeorgos, Greece
Past President:
Samir Amr, Saudi Arabia
Secretary:
Ray McMahon, UK
Treasurer:
Fred Silva, USA
International Congresses Coord. & Asst.
Treasurer:
Jim Crimmins, USA
Executive Assistant:
Charles Ramey, Canada

Executive Council of the GDIAP
President:
Sigurd Lax, Austria
Past President:
Thomas Rüdiger, Germany
President-elect:
Eva Wardelmann, Germany
Secretary/Treasurer:
Klaus-Michael Müller, Germany
Members:
Uta Drebber, Germany
Arndt Hartmann, Germany
Wolfram Klapper, Germany
Administrative Director:
Martina Schmidt, Germany
Chair of the ESP Working Groups: Han van Krieken, The Netherlands

1. Breast Pathology
   ESP convener: A. Sapino, Italy
   GDIAP convener: H. Kreipe, Germany
   International convener: S. Lakhani, Australia

2. Cardiovascular Pathology
   ESP convener: A. van der Wal, The Netherlands
   GDIAP convener: R. M. Bohle, Germany
   International convener: C. Basso, Italy

3. Cytopathology
   ESP convener: B. Cochand-Priollet, France
   GDIAP convener: D. Schmidt, Germany
   International convener: L. Bubendorf, Switzerland

4. Dermatopathology
   ESP convener: T. Brenn, UK
   GDIAP convener: E. Bierhoff, Germany
   International convener: W. Grayson, South Africa

5. Digestive Diseases Pathology
   - Gastrointestinal Pathology (GI)
     ESP convener: C. Langner, Austria
     GDIAP convener: T. Kirchner, Germany
     International convener: P. Kumarasinghe, Australia
   - Liver
     ESP convener: V. Paradis, France
     GDIAP convener: H.-P. Fischer, Germany
     International convener: V. A. F. Alves, Brazil
   - Pancreas
     ESP and GDIAP Convener: G. Klöppel, Germany

6. Electron Microscopy
   ESP convener: J. Lloreta-Trull, Spain

7. Endocrine Pathology
   ESP convener: O. Nilsson, Sweden
   GDIAP convener: A. Perren, Switzerland
   International convener: R. Osamura, Japan

8. Gynaecological Pathology
   ESP convener: M. R. Raspollini, Italy
   GDIAP convener: S. Lax, Austria
   International convener: E. Oliva, USA

9. Head and Neck Pathology
   ESP convener: A. Franchi, Italy
   GDIAP convener: S. Ihrler, Germany
   International convener: P. J. Slootweg, The Netherlands

10. Haematopathology
    ESP conveners: L. Quintanilla-Fend, Germany and H. van Krieken, The Netherlands
    GDIAP convener: A. Schmitt-Gräff, Germany
    International convener: J. K. C. Chan, Hong Kong

11. History of Pathology
    ESP convener: G. Nesi, Italy
    GDIAP convener: P. Meister, Germany

12. Infectious Diseases Pathology
    ESP convener: G. Cathomas, Switzerland
    GDIAP convener: A. Agaimy, Germany
    International convener: P. Hofmann, France

13. IT in Pathology, computational
    ESP convener: K. Kayser, Germany
    GDIAP convener: G. Kayser, Germany
    International convener: M. Salto-Tellez, UK

14. Molecular Pathology
    ESP convener: G. Stanta, Italy
    GDIAP convener: S. Merkelbach-Bruse, Germany
    International convener: F. A. Soares, Brazil

15. Nephropathology
    ESP convener: I. Roberts, UK
    GDIAP convener: J. U. Becker, Germany and K. Amann, Germany

16. Neuropathology
    ESP convener: A. Ariza, Spain
    GDIAP convener: G. Reifenberger, Germany
    International convener: H. K. Ng, Hong Kong

17. Ophthalmic Pathology
    ESP convener: S. Coupland, UK
    GDIAP convener: J. Lüttges, Germany
    International convener: A. Agaimy, Germany
18. Paediatric and Placental Pathology
   ESP conveners: Marta Cohen, UK and P. Borralho Nunes, Portugal
   GDIAP conveners: I. Leuschner, Germany and A. Müller, Germany

19. Pathologists in Favour of Developing Countries
   ESP convener: S. Guzzetti, Italy
   GDIAP convener: G. Stauch, Germany

20. Pulmonary Pathology
   ESP convener: L. Carvalho, Portugal
   GDIAP convener: R. Büttner, Germany
   International convener: W. D. Travis, USA

21. Soft Tissue and Bone Pathology
   ESP convener: P. C. W. Hogendoorn, The Netherlands
   GDIAP convener: T. Mentzel, Germany
   International convener: C. Fletcher, USA

22. Thymic and Mediastinal Pathology
   ESP convener: A. Marx, Germany
   GDIAP convener: P. Ströbel, Germany

23. Uropathology
   ESP convener: A. Lopez-Beltran, Spain
   GDIAP conveners: A. Hartmann, Germany and G. Kristiansen, Germany
   International convener: G. J. Netto, USA
Julio Aguirre-Ghiso (USA)

1997: PhD, University of Buenos Aires, Argentina
2003: Charles H. Revson Postdoctoral Fellow. Mount Sinai School of Medicine, New York, USA
2003–2008: Assistant Professor
Department of Biomedical Sciences, School of Public Health, State University of New York-Albany, USA. Wadsworth Center, NYSDOH, New York, USA.
2008–2013: Associate Professor (with Tenure)
Division of Hematology and Oncology, Department of Medicine and Department of Otolaryngology,
Tisch Cancer Institute, Mount Sinai School of Medicine, New York, USA
2008–date: Director of Head and Neck Cancer Basic Research
Division of Hematology and Oncology, Department of Medicine and Department of Otolaryngology, Mount Sinai School of Medicine
2012–2015: Director of Solid Tumour and Metastasis Research
Division of Hematology and Oncology, Department of Medicine and Department of Otolaryngology, Tisch Cancer Institute, Mount Sinai School of Medicine
2014–date: Professor, (with Tenure)
Division of Hematology and Oncology, Department of Medicine and Department of Otolaryngology, Tisch Cancer Institute, Mount Sinai School of Medicine
2016: Associate Director of Basic Science Shared Resources
Tisch Cancer Institute at Mount Sinai. Mount Sinai School of Medicine

Cancer patients presumed cured after primary tumour removal and therapy, can carry non-proliferating ‘dormant’ disseminated tumour cells (DTCs) for years before reactivating to form incurable metastasis. I focused on understanding the biology of dormant DTCs and their reactivation, to target them and prevent relapse. This contrasts to the vast majority of cancer research, which focuses on understanding constant cancer growth. My team led a paradigm shift that is revealing a novel cancer dormancy biology. We integrated mechanisms of basic stress and mitogenic signaling, adult stem cell and micro-environmental biology and discovered that a reciprocal crosstalk between DTCs and the microenvironment regulates the inter-conversion between dormancy and proliferation. We discovered that an imbalance in p38α/β and ERK1/2 signaling regulates lineage commitment transcription factors and epigenetic network that induces dormancy. We also identified retinoic acid and TGFβ2 in the microenvironment as inducers of the high p38/ERK-signaling ratio and that dormancy (quiescent phenotype) is controlled by mechanisms driving adult stem cell biology. Translating this biology to medicine we identified a “dormancy signature” enriched in dormant DTCs from patients asymptomatic for up to 18 years and that predicts for prolonged metastasis-free periods in different cancers. Our work has propelled new questions to the forefront of cancer research, with the unexpected discovery that dormant DTCs can originate very early during cancer evolution, disseminating during pre-malignant stages of cancer. We have also designed an epigenetic reprogramming therapy to induce dormancy of DTCs and developed a translational programme with Eli Lilly to target dormant disease.
Mike Stratton is Director of the Wellcome Trust Sanger Institute. His primary research interests have been in the genetics of cancer. His early research focused on inherited susceptibility. He mapped and identified the major high risk breast cancer susceptibility gene BRCA2 and subsequently a series of moderate risk breast cancer and other cancer susceptibility genes.

In 2000 he initiated the Cancer Genome Project at the Wellcome Trust Sanger Institute which conducts systematic genome-wide searches for somatic mutations in human cancer. Through these studies he discovered somatic mutations of the BRAF gene in malignant melanoma and several other mutated cancer genes in lung, renal, breast and other cancers. He has described the basic patterns of somatic mutation in cancer genomes revealing underlying DNA mutational and repair processes.

He is a Fellow of the Royal Society (FRS) and was Knighted by the Queen in 2013.
Robert J. Kurman is one of the world’s leading pathologists and has held senior academic positions at the University of Southern California, Georgetown University School of Medicine and the Johns Hopkins University School of Medicine, Baltimore, Maryland where he has been since 1989. He is currently the Emeritus Richard TeLinde Distinguished Professor of Gynecologic Pathology with appointments in the Departments of Pathology, Gynecology and Obstetrics and Oncology.

Dr Kurman graduated from the Upstate Medical Center in Syracuse in 1968 and did his pathology and obstetrics and gynecology residencies in Boston at the Peter Bent Brigham, Boston Hospital for Women and Massachusetts General Hospital and in Los Angeles at the University of Southern California. He later served as the Assistant Chief of Breast and Gynecologic Pathology at the Armed Forces Institute of Pathology, Washington DC.

As the co-author of over 250 original papers, 150 review articles and book chapters and 12 books, including editing the last four editions of Blaustein’s Pathology of the Female Genital Tract. Dr Kurman has made seminal contributions to our understanding of the pathology of tumours of the female genital tract, including gestational trophoblastic neoplasia, cervical, endometrial and ovarian cancer. These have led to several awards including the Fred W Stewart Award of the Memorial Sloan Kettering Cancer Centre (2009) and the Maude Abbott Lectureship of the United States and Canadian Academy of Pathology (2012). He was President of the International Society of Gynecological Pathologists (2006–2007) and was made an Honorary Fellow in the Royal College of Pathologists (2013).

Dr Kurman has served on the editorial boards of numerous journals and was Chairman of the Second Bethesda System Conference of the National Cancer Institute (NCI), Bethesda, 1991. He has been Principal Investigator on several major NCI and DoD funded research projects on cervical, vulval and ovarian cancer. He has held numerous visiting professorships and has been an invited speaker throughout the world, including several keynote lectures. He has demonstrated his commitment to postgraduate training with responsibility for the training of over 40 fellows. Most recently, he is a co-editor of the World Health Organization’s 4th edition of the "Classification of Tumours of the Female Genital Tract".
**Keynote Speakers**

**Martin-Leo Hansmann (Germany)**

**Current Position**
- University Professor (C4)
- Head of the Department of Pathology
- Johann Wolfgang Goethe University of Frankfurt/Main

**Date of Birth**
- October 18, 1949

**Place of birth**
- Halle/Saale, Germany

**Citizenship**
- German

**Education**
- Diplom Biology, University of Bonn, Germany 1974
- Medical Exam, University of Bonn, Germany 1977
- Doctor of Medicine, University of Kiel, Germany, 1982

**Post Graduate Experience**
- Department of Pathology, University of Kiel, 1979-1990
- Pathologist, 1985
- Habilitation (Prof. Dr. Dr. mult. h. c. K. Lennert), Department of Pathology, University of Kiel, 1987
- University-Professor (C3), Department of Pathology, University of Cologne, 1990
- University-Professor (C4), Head of the Department of Pathology, Johann Wolfgang Goethe University Frankfurt/Main, 1996
- Price of the Deutsche Krebshilfe 2001, together with Prof. Dr. Küppers (Essen) and Prof. Dr. Rajewsky (Berlin)
- Honorary Doctor University of Athens 2008
- Elected as member of the National Academy of Sciences, Leopoldina, 2010

The main expertise of Martin-Leo Hansmann is haematopathology including molecular pathological investigations of malignant lymphomas, especially Hodgkin lymphoma and T-cell neoplasias. His group in cooperation with R. Küppers and K. Rajewsky was the first to establish single cell molecular investigations (PCR) from histological sections. By this method could be shown that Hodgkin Reed Sternberg are clonal B-cells and basic questions in B- and T-cell development could be answered. In recent years Martin Leo Hansmann started to include bioinformatics and modelling methods in the investigations of lymphoma development.
The IAP and ESP have awarded bursaries to support the attendance of residents and trainees in pathology at the congress in Cologne. Bursaries include a free registration to the congress, up to 5 nights hotel accommodation and a monetary grant of EUR 150 (for applicants from Europe) / EUR 500 (for applicants from outside Europe).

**Bursary awardees / Europe:**

- Mikk Abram, Estonia
- Rui Almeida, Portugal
- Ayesha Azam, United Kingdom
- Kenan Baris Bingül, Turkey
- Adeline-Roxana Bucur, Romania
- Rui Caetano Oliveira, Portugal
- Olivia Cambero Moratalla, Spain
- Ivan Capo, Serbia
- Laura Castillo, Spain
- Débora Chantada de La Fuente, Spain
- Alexandra Ciobanu, Romania
- Karl-Friedrich Deml, Switzerland
- Sónia Dias Carvalho, Portugal
- Antonia-Rebeka Dicu, Romania
- Fikret Dirilenoglu, Turkey
- Jelena Dzambas, Serbia
- Simge Erbil, Turkey
- Anca Evesi, Romania
- Ondrej Fabian, Czech Republic
- Margarida Fernandes, Portugal
- Joana Ferreira, Portugal
- Daniela Carolina Fuel Gómez, Spain
- László Fülöp, Hungary
- Ana Galagher, Portugal
- Marina Gándara Cortés, Spain
- Olteanu Gheorghe-Emilian, Romania
- Irene Gullo, Portugal
- Eylül Gün, Turkey
- Altuna Halilovic, The Netherlands
- Vanessa Henriques, Portugal
- Betül Igde, Turkey
- Jelena Ilic Sabo, Serbia
- Ljubisa Jovanovic, Serbia
- Aura Jurescu, Romania
- Nikolay Karnaukhov, Russia
- Konstantin Konyashev, Russia
- Bence Péter Kövári, Hungary
- Olcay Kurtulan, Turkey
- Simona Lioni, Italy
- João Lobo, Portugal
- Laura Lorente Gea, Spain
- Aleksandra Lovrenski, Serbia
- Maija Lubgane, Latvia
- Mykola Lyndin, Ukraine
- Raquel Machado-Neves, Portugal
- Francesca Magnoli, Italy
- Tiago Maia, Portugal
- Carlos Marques Pontinha, Portugal
- Ioana Mihai, Romania
- Filipa Moreno, Portugal
- Melahet Musayeva, Turkey
- Jurijs Nazarovs, Latvia
- Elif Ocal, Turkey
- Betül Ö dü t, Turkey
- Helder Oliveira Coelho, Portugal
- Santiago Ortiz, Portugal
- Hafize Ozdemir, Turkey
- Carlos David Paiva, Portugal
- Cristina Peña Barreno, Spain
- Daniel Pinto, Portugal
- Manuela Popa, Romania
- Flavia Porcescu, Romania
- Christos Poulios, Greece
- Natalia Rakislova, Spain
- Valentina Ranucci, Italy
- Marta Riekstina, Latvia
- Ana Ristic-Petrovic, Serbia
- Miguel Rito, Portugal
- Ana Belen Roche, Spain
- Emel Rodoplu Ünal, Turkey
- Ines Rolim, Portugal
- Samantha Sarcognato, Italy
- Paula Serra, Portugal
- Adriana Sierra Gomez, Spain
- Faruk Skenderi, Bosnia and Herzegovina
- Slavica Stojnev, Serbia
- Miguel Angel Trigo Cebrián, Spain
- Dita Ulase, Latvia
- Mieke van Bockstal, Belgium
- Béla Vasas, Hungary
- Nicole Visser, The Netherlands
- Jelena Vještica, Serbia
- Dogu Vurali Bakkaloglu, Turkey
- Tamás Zombori, Hungary

- Jelena Vještica, Serbia
Bursaries / CME Accreditation

CME Accreditation

The XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net.

The XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology is designated for a maximum of 24 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada.

Bursary awardees / outside Europe:

Nesreen Abdulgawad, Egypt
Shehu Abdullahi, Nigeria
Robert Glen Abesamis, Philippines
Wilfried Akpo, Morocco
Yazan Al-Othman, Jordan
Diar Aziz, Australia
Sarra Ben Rejeb, Tunisia
Ery Kus Dwianingsih, Indonesia
Mary Elias, Syrian Arab Republic
Pranjal Gugalia, India
Parnhathai Hutachuda, Thailand
Isabelle Izimukwiye, Rwanda

Ketevani Kankava, Georgian
Afreen Karimkhan, India
Michael Nweke, Nigeria
Enkhee Ochirjav, Mongolia
Olubanji Oguntunde, Nigeria
Nnamdi Orah, Nigeria
Marc Rassy, Lebanon
Ruana Rocha, Brazil
Talat Roome, Pakistan
Safana Sadaf, Pakistan
Saranya Singaravel, India
Maria Zahid, Pakistan

<table>
<thead>
<tr>
<th>CME credits</th>
<th>Half congress day</th>
<th>Full congress day</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 Sept 2016</td>
<td>3 credits</td>
<td>6 credits</td>
</tr>
<tr>
<td>27 Sept 2016</td>
<td>3 credits</td>
<td>6 credits</td>
</tr>
<tr>
<td>28 Sept 2016</td>
<td>3 credits</td>
<td>6 credits</td>
</tr>
<tr>
<td>29 Sept 2016</td>
<td>3 credits</td>
<td>6 credits</td>
</tr>
</tbody>
</table>

Please note:
Participants can obtain their CME certificates at the CME terminals located in the Registration Area.
Venue Overview

- Congress-Centrum Ost Koelnmesse

Hall 11.3 (4th floor)

Plenary Hall

Exhibition/Catering/Posters

4th floor

Congress-Saal, Section 1
Congress-Saal Section 2
Congress-Saal Section 3

North Conference Room

2nd floor

Conference Room 5
Conference Room 4
Conference Room 3
Conference Room 1–2

1st floor

Offenbachsaal
Europasaal

Entrance East (Registration Area)
Congress-Centrum Ost
Ground Floor
### Colours and Abbreviation Codes of Sessions

#### Working Group Sessions

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREAST</td>
<td>Breast pathology</td>
<td></td>
</tr>
<tr>
<td>CARD</td>
<td>Cardiovascular pathology</td>
<td></td>
</tr>
<tr>
<td>CYTO</td>
<td>Cytopathology</td>
<td></td>
</tr>
<tr>
<td>DEVEL</td>
<td>Pathologists in favour of developing countries</td>
<td></td>
</tr>
<tr>
<td>DERM</td>
<td>Dermatopathology</td>
<td></td>
</tr>
<tr>
<td>DIGE-GI</td>
<td>Digestive diseases pathology (GI)</td>
<td></td>
</tr>
<tr>
<td>EM</td>
<td>Electron microscopy</td>
<td></td>
</tr>
<tr>
<td>ENDO</td>
<td>Endocrine pathology</td>
<td></td>
</tr>
<tr>
<td>GYNAE</td>
<td>Gynaecological pathology</td>
<td></td>
</tr>
<tr>
<td>HAEMA</td>
<td>Haematopathology</td>
<td></td>
</tr>
<tr>
<td>H &amp; N</td>
<td>Head and neck pathology</td>
<td></td>
</tr>
<tr>
<td>HIST</td>
<td>History of pathology</td>
<td></td>
</tr>
<tr>
<td>INFE</td>
<td>Infectious diseases pathology</td>
<td></td>
</tr>
<tr>
<td>IT</td>
<td>IT in pathology</td>
<td></td>
</tr>
<tr>
<td>LI-PA</td>
<td>Liver and pancreas pathology</td>
<td></td>
</tr>
<tr>
<td>MOPA</td>
<td>Molecular pathology</td>
<td></td>
</tr>
<tr>
<td>NEPH</td>
<td>Nephropathology</td>
<td></td>
</tr>
<tr>
<td>NEURO</td>
<td>Neuropathology</td>
<td></td>
</tr>
<tr>
<td>OPHTH</td>
<td>Ophthalmic pathology</td>
<td></td>
</tr>
<tr>
<td>PAED &amp; PLAC</td>
<td>Paediatric and placental pathology</td>
<td></td>
</tr>
<tr>
<td>PULM</td>
<td>Pulmonary pathology</td>
<td></td>
</tr>
<tr>
<td>SO-TI</td>
<td>Soft tissue and bone pathology</td>
<td></td>
</tr>
<tr>
<td>THYM</td>
<td>Thymic and mediastinal pathology</td>
<td></td>
</tr>
<tr>
<td>URO</td>
<td>Uropathology</td>
<td></td>
</tr>
</tbody>
</table>

#### Special Sessions

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KEYNOTE</td>
<td></td>
<td>Keynote lecture</td>
</tr>
<tr>
<td>SPEC</td>
<td>Special session European Society of Pathology</td>
<td></td>
</tr>
<tr>
<td>SPEC</td>
<td>Special session German Society of Pathology &amp; German Professional Organization</td>
<td></td>
</tr>
<tr>
<td>TR</td>
<td>Trainees’ sessions</td>
<td></td>
</tr>
<tr>
<td>TWO DAY MB</td>
<td></td>
<td>Two Day Symposium for Molecular Biologists</td>
</tr>
<tr>
<td>ONE DAY IT</td>
<td></td>
<td>One Day Symposium for Information Technology</td>
</tr>
<tr>
<td>ONE DAY TEC</td>
<td></td>
<td>One Day Workshop for Technicians</td>
</tr>
<tr>
<td>SPEC</td>
<td>Special Session Rodger Haggitt Society</td>
<td></td>
</tr>
</tbody>
</table>

#### Cooperating Societies/Associations

ASCP, Binford-Dammin Society of Infectious Disease Pathologists, ECCO, ESGO, ESMO, IAP, ICCR, OPHTH Soc (EOPS-ISOP-DOP-BAOP), UEG

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM</td>
<td>Business Meeting</td>
</tr>
<tr>
<td>BPS</td>
<td>Best Poster Session</td>
</tr>
<tr>
<td>KNL</td>
<td>Keynote Lecture</td>
</tr>
<tr>
<td>LC</td>
<td>Long Course</td>
</tr>
<tr>
<td>OFP</td>
<td>Oral Free Paper Session</td>
</tr>
<tr>
<td>SC</td>
<td>Short Course</td>
</tr>
<tr>
<td>SPEC</td>
<td>Special Session</td>
</tr>
<tr>
<td>SS</td>
<td>Slide Seminar</td>
</tr>
<tr>
<td>SY</td>
<td>Symposium</td>
</tr>
<tr>
<td>TR</td>
<td>Trainee Session</td>
</tr>
<tr>
<td>VM</td>
<td>Videomicroscopy</td>
</tr>
</tbody>
</table>
### Sunday, 25 September 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:00 – 20:00</td>
<td>Registration</td>
</tr>
<tr>
<td>19:00 – 22:00</td>
<td><strong>OPENING CEREMONY</strong> (Plenary Hall 11.3) and <strong>WELCOME RECEPTION</strong> (in the Technical Exhibition)</td>
</tr>
<tr>
<td>20:00 – 22:00</td>
<td>Technical Exhibition (Hall 11.3)</td>
</tr>
</tbody>
</table>
### Programme Overview per Day

#### Monday, 26 September 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Symp</th>
<th>Symp</th>
<th>Symp</th>
<th>Symp</th>
<th>Symp</th>
<th>Symp</th>
<th>Symp</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:15 – 08:15</td>
<td>Plenary Hall 11.3 (E-Poster Terminals, Hall 11.3)</td>
<td>Industry Symposia</td>
<td>(see page 188)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>LC BREAST</td>
<td>SY GYNAE</td>
<td>LC PULM</td>
</tr>
<tr>
<td>08:30 – 12:00</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SY GYNAE</td>
<td>SC PULM</td>
<td>SS ENDO</td>
</tr>
<tr>
<td>12:15 – 13:00</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SY GYNAE</td>
<td>SC PULM</td>
<td>SS ENDO</td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SS BREAST</td>
<td>SC GYNAE</td>
<td>SS PULM</td>
</tr>
<tr>
<td>14:45 – 16:45</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SY BREAST</td>
<td>SS GYNAE</td>
<td>SC PULM</td>
</tr>
<tr>
<td>16:45 – 17:15</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SS BREAST</td>
<td>SS GYNAE</td>
<td>SS PULM</td>
</tr>
<tr>
<td>17:15 – 19:15</td>
<td>Plenary Hall 11.3</td>
<td>Keynote Lecture</td>
<td>Julio Aguirre-Ghiso (USA)</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SS BREAST</td>
<td>SS GYNAE</td>
<td>SS PULM</td>
</tr>
<tr>
<td>20:15 – 21:00</td>
<td>Congress Concert</td>
<td>Congress Concert</td>
<td>Cologne Cathedral</td>
<td><img src="coffee.png" alt="" /></td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SS BREAST</td>
<td>SS GYNAE</td>
<td>SS PULM</td>
</tr>
</tbody>
</table>
### Monday, 26 September 2016

<table>
<thead>
<tr>
<th>Congress-Saal, Section 3</th>
<th>North Conference Room</th>
<th>Conference Room 1-2</th>
<th>Conference Room 5</th>
<th>Conference Room 3</th>
<th>Industry Symposia (see page 188)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>07:15 – 08:15</td>
</tr>
</tbody>
</table>

**SY NEPH +BM**
Updates and trends in renal transplant pathology

**SY LIVER**
Dynamic pathology of liver tissue due to vascular changes and pathologic liver perfusion

**SY INFE**
From H&E to next generation sequencing (NGS): The impact of the pathologist in the diagnosis of infectious diseases in 2016

**OFP DIGE-GI**
Digestive Diseases Pathology – GI

**MB TWO DAY SYMP**
Morning Session: Current and future application of NGS in routine pathology molecular diagnostics

**Plenary Hall 11.3 ▶ Keynote Lecture** Julio Aguirre-Ghiso (USA)
Mechanism of early dissemination, dormancy and metastasis in breast cancer models

**Industry Symposia (see page 188/189)**

**SC NEPH**
Monoclonal gammopathy, amyloidosis and the kidney

**SY H&N**
Emerging biomarkers and targeted treatments in head and neck cancer

**SS INFE**
Granulomatous lesions: Expected and unexpected infections

**OFP DIGE-GI & LI-PA**
Digestive Diseases Pathology – Liver/ Pancreas

**MB TWO DAY SYMP**
Afternoon Session: NGS molecular diagnostics: A multidisciplinary approach

**Best Poster Sessions (E-Poster Terminals, Hall 11.3)**

**SS Joint EM & NEPH**
Light and electron microscopy in the diagnostic work-up of kidney biopsies

**SS LI-PA Joint**
Pancreatic and liver neoplasms: Progress in diagnostics

**SC Joint INFE & H&N**
Infections and their mimics in the head and neck pathology

**OFP CYTO**
Cytopathology

**JointEQA/ESP & MB TWO DAY SYMP**
Quality assurance and EQA symposium

**Coffee Break**
16:45 – 17:15

**Congress Concert**
Cologne Cathedral

13:00 – 14:30

12:15 – 13:00

14:45 – 16:45

17:15 – 19:15

20:15 – 21:00
## Tuesday, 27 September 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary Hall 11.3</th>
<th>Offenbachsaal</th>
<th>Europasaal</th>
<th>Congress-Saal, Section 2</th>
<th>Congress-Saal, Section 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:15 - 08:15</td>
<td>Industry Symposia (see page 190)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:15 - 12:00</td>
<td>08:30 - 10:30 Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:15 - 13:00</td>
<td>Plenary Hall 11.3 ▶ Keynote Lecture Michael Stratton (UK) Signatures of mutational processes in cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Industry Symposia (see pages 190/191)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:45 - 16:45</td>
<td>SC GYNAE Joint &amp; ESGO Gynaecological molecular pathology and its impact on clinical practice</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:45 - 16:45</td>
<td>SS HAEM Diagnostic challenges in lymphoma diagnosis</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:45 - 16:45</td>
<td>SC DIGE-GI &amp; UEG Polyps and polyposis syndromes in the upper GI tract</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:45 - 17:15</td>
<td>Best Poster Sessions (E-Poster Terminals, Hall 11.3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 - 19:15</td>
<td>SPEC ESP/ESMO Diagnostic and therapeutic advances in neuroendocrine tumours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 - 19:15</td>
<td>SC HAEM Lymphoproliferative disorders in the bone marrow</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 - 19:15</td>
<td>SC DIGE-GI+BM Risk assessment and prognostication of cancer in GI-pathology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 - 19:15</td>
<td>SY PULM New concepts in tumours of the pleura and pleural cytology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 - 19:15</td>
<td>VIDEO URO Challenging diagnostic cases in uropathology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Industry Symposia
- **LC GYNAE** The spectrum of cervical pathology
- **LC HAEM** Molecular testing in haematopathology
- **SY DIGE-GI & ECCO** The interdisciplinary approach to inflammatory bowel disease
- **SY PULM** Technological advances in non-neoplastic lung disease
- **SY Joint & Trainees** Vascular tumours of bone and soft tissue

### Plenary Hall 11.3
- Coffee Break & Poster Viewing (Presenters to be on-site for discussion)
- Keynote Lecture Michael Stratton (UK) Signatures of mutational processes in cancer
### Tuesday, 27 September 2016

<table>
<thead>
<tr>
<th>Congress-Saal, Section 3</th>
<th>North Conference Room</th>
<th>Conference Room 1-2</th>
<th>Conference Room 5</th>
<th>Conference Room 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Symposia</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(see page 190)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 07:15 – 08:15

- **LC H&N**
  - WHO classification of head and neck tumours: What’s new?

#### 07:15 – 08:15

- **LC EM & PAED**
  - Electromicroscopy in the multi-disciplinary management of paediatric diseases

#### 08:30 – 12:00

- **9 Coffee Break & Poster Viewing**
  - (Presenters to be on-site for discussion)

#### 09:30 – 10:30

- **LC GYNAE**
  - The spectrum of cervical pathology
- **LC HAEM**
  - Molecular testing in haematoplasia
- **SY DIGE-GI**
  - Joint & ECCO
  - The interdisciplinary approach to inflammatory bowel disease
- **SY PULM**
  - Technological advances in non-neoplastic lung disease
- **SY SO-TI**
  - Joint & Training
  - Vascular tumours of bone and soft tissue
- **LC H&N**
  - WHO classification of head and neck tumours: What’s new?
- **SPEC DGP**
  - Basic science and research
- **LC CYTO**
  - Cytopathology in the genomic era
- **MB TWO DAY SYMP**
  - Morning Session: Pathology molecular diagnostics state-of-the-art in France

#### 12:15 – 13:00

- **Plenary Hall 11.3 ➤ Keynote Lecture** Michael Stratton (UK)
  - Signatures of mutational processes in cancer

#### 09:30 – 10:30

- **9 Coffee Break & Poster Viewing**
  - (Presenters to be on-site for discussion)

#### 13:00 – 14:30

- **SS H&N**
  - Challenging cases in head and neck pathology
- **SC CYTO**
  - New guidelines for the prevention and early detection of cervical cancer
- **SC PAED & PLAC**
  - Soft tissue tumours in the young
- **OFP NEURO & NEPH & OPHTH**
  - Joint Session: Neuropathology/Nephropathology/Ophthalmic Pathology
- **MB TWO DAY SYMP**
  - Afternoon Session: What do you need to know about bio-informatics?

#### 14:45 – 16:45

- **Best Poster Sessions** (E-Poster Terminals, Hall 11.3)
- **Coffee Break**
  - 16:45 – 17:15

#### 16:45 – 17:15

- **SC ENDO**
  - Molecular endocrine pathology going into practice
- **SY CYTO**
  - Consensus terminologies in cytopathology
- **OFP PEAD & PLAC**
  - Paediatric and Placental Pathology
- **OFP GYNAE**
  - Gynaecological Pathology
- **MB TWO DAY SYMP**
  - Evening Session: Are liquid biopsies the future?
### Programme Overview per Day

#### Wednesday, 28 September 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Section 1</th>
<th>Section 2</th>
<th>Section 3</th>
<th>Congress-Saal, Section 1</th>
<th>Congress-Saal, Section 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>07:15 – 08:15</td>
<td></td>
<td></td>
<td></td>
<td>Industry Symposia (see page 191)</td>
<td></td>
</tr>
<tr>
<td>08:30 – 12:00</td>
<td>SY DIGE-GI</td>
<td>LC URO</td>
<td>SY PAED+BM &amp; PLAC</td>
<td>LC DERM</td>
<td>VIDEO SO-TI</td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>Advances in pathology of prostate cancer and renal cell carcinoma</td>
<td>Recent developments in paediatric pathology</td>
<td>Non-melanocytic cutaneous tumours</td>
<td>Soft tissue tumours</td>
</tr>
<tr>
<td>12:15 – 13:00</td>
<td>Plenary Hall 11.3 &gt; ESP Symeonidis Lecture Robert J. Kurman (USA)</td>
<td>The dualistic model of ovarian cancer. Implications for early detection, prevention and treatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td>Plenary Hall 11.3 &gt; IAP General Assembly (13:00 – 14:00)</td>
<td></td>
<td>Industry Symposia (13:00 – 14:30 / see page 192)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:45 – 16:45</td>
<td>SS DIGE-GI</td>
<td>SC+BM URO</td>
<td>SC PAED &amp; PLAC</td>
<td>SS DERM</td>
<td>SPEC ESP/INFE</td>
</tr>
<tr>
<td>16:45 – 17:15</td>
<td>Coffee Break</td>
<td>Tumour-like lesions: Pitfalls and mistakes (or almost!) in the GI tract</td>
<td>Current concepts in pathology of the urinary tract</td>
<td>Medico-legal aspects of perinatal deaths</td>
<td>Inflammatory dermatoses</td>
</tr>
<tr>
<td>17:15 – 19:15</td>
<td>SC DIGE-GI</td>
<td>SPEC ESP/ASCP</td>
<td>SS PAED &amp; PLAC</td>
<td>SC DERM</td>
<td>SPEC ESP/INFE</td>
</tr>
<tr>
<td></td>
<td>Therapy-related GI pathology</td>
<td>Precision medicine: Cancer diagnosis and treatment selection/monitoring</td>
<td>Placental causes of still births</td>
<td>Melanocytic tumours</td>
<td>The central role of pathology for patient care</td>
</tr>
<tr>
<td></td>
<td>Best Poster Sessions (E-Poster Terminals, Hall 11.3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plenary Hall 11.3 | Offenbachsaal Europasaal Congress-Saal, North Conference Room**

**Plenary Hall 11.3 | ESP Symeonidis Lecture**

Robert J. Kurman (USA)

The dualistic model of ovarian cancer. Implications for early detection, prevention and treatment

**Plenary Hall 11.3 | IAP General Assembly (13:00 – 14:00)**

**Industry Symposia (13:00 – 14:30 / see page 192)**

**Best Poster Sessions (E-Poster Terminals, Hall 11.3)**
Wednesday, 28 September 2016

<table>
<thead>
<tr>
<th>Congress-Saal, Section 3</th>
<th>North Conference Room</th>
<th>Conference Room 1-2</th>
<th>Conference Room 5</th>
<th>Conference Room 3</th>
<th>Conference Room 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Symposia</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>07:15 – 08:15</td>
</tr>
<tr>
<td>(see page 191)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SY HAEMA**
The upcoming revision of the WHO classification of hematopoietic neoplasias

**LC NEURO**
The new WHO classification of tumours of the central nervous system 2016

**OFP BREAST**
Breast Pathology

**IT ONE DAY SYMP**
Digital Pathology at a tipping point: Session 1: New developments and applications in image analysis for routine pathology

**TR Trainees**
Organised by the Residents & Junior Academy
The most useful knowledge and skills in the beginning of (my) career

**OFP OTHER**
Other Topics

---

**Plenary Hall 11.3**

**ESP Symeonidis Lecture**
Robert J. Kurman (USA)
The dualistic model of ovarian cancer. Implications for early detection, prevention and treatment

---

**Plenary Hall 11.3**

**IAP General Assembly** (13:00 – 14:00)

---

**Industry Symposia**
(13:00 – 14:30 / see page 192)

---

**SC MOPA**
Preanalytical conditions of tissues

**SY NEURO**
Pathology of inflammatory and autoimmune diseases of the nervous system

**OFP SO-TI & INFE**
Joint Session: Soft Tissue and Bone Pathology/Infectious Diseases Pathology

**IT ONE DAY SYMP**
Digital Pathology at a tipping point: Session 2: Regulatory affairs

**TR Trainees**
Organised by the Residents & Junior Academy
The most useful knowledge and skills in the beginning of (my) career

**SPEC ESP**
Special Session Pathology and Public

---

**Best Poster Sessions** (E-Poster Terminals, Hall 11.3)

---

**SY MOPA**
Tumour heterogeneity: An update

**SC NEURO**
Muscle and nerve pathology

**OFP ENDO & H&N**
Joint Session: Endocrine Pathology/Head and Neck Pathology

**IT ONE DAY SYMP**
Digital Pathology at a tipping point: Session 3: Computer aided diagnosis: The future is now

**SPEC ESP**
ESP Residents Assembly

**OFP HAEMA**
Haematopathology

---

23
# Thursday, 29 September 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Plenary Hall 11.3</th>
<th>Offenbachsaal</th>
<th>Europasaal</th>
<th>Congress-Saal, Section 2</th>
<th>Congress-Saal, Section 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 – 10:30</td>
<td>Coffee Break &amp; Poster Viewing (Presenters to be on-site for discussion)</td>
<td>SY SO-TI + BM</td>
<td>SY URO</td>
<td>SY DIGE-GI</td>
<td>LC MOPA</td>
</tr>
<tr>
<td></td>
<td>Molecular pathology of soft tissue and bone tumours in research and daily practice</td>
<td>Update on WHO 2016 classification of genitourinary tumours</td>
<td>The immune system and the GI tract</td>
<td>Major cancer theranostics</td>
<td>The keywords of management of surgical pathology in low resource settings: Cooperation, sustainability, technology</td>
</tr>
<tr>
<td>12:00 – 13:00</td>
<td>Plenary Hall 11.3 ESP General Assembly</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00 – 14:00</td>
<td>Lunch</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00 – 16:00</td>
<td>SS SO-TI Joint</td>
<td>SC URO / ICCR</td>
<td>SY Pancreas</td>
<td>OFP MOPA</td>
<td>SY DEVEL</td>
</tr>
<tr>
<td></td>
<td>New entities and diagnostic challenges in bone and soft tissue tumours</td>
<td>The basic report in uropathology: The ESP / ICCR initiative</td>
<td>Pancreatic neoplasms: Morphology meets genetics</td>
<td>Molecular Pathology</td>
<td>The sustainability of health cooperation passes through telepathology</td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td>Coffee Break</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30 – 17:15</td>
<td>Best Poster Sessions (E-Poster Terminals, Hall 11.3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 – 18:45</td>
<td>Plenary Hall 11.3 Keynote Lecture Martin-Leo Hansmann (Germany) Dynamic in lymph node pathology</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:45 – 19:00</td>
<td>Plenary Hall 11.3 Plenary Oral Free Paper Session</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00 – 23:30</td>
<td>Congress Party Tanzbrunnen Köln</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Location</td>
<td>Session</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:00 – 12:00</td>
<td>Congress-Saal, Section 3</td>
<td>Plenary Hall 11.3 ▶ ESP General Assembly</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12:00 – 13:00</td>
<td></td>
<td>Lunch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00 – 14:00</td>
<td></td>
<td>Best Poster Sessions (E-Poster Terminals, Hall 11.3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00 – 16:00</td>
<td></td>
<td>Plenary Hall 11.3 ▶ Keynote Lecture Martin-Leo Hansmann (Germany)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:00 – 16:30</td>
<td></td>
<td>Plenary Hall 11.3 ▶ Plenary Oral Free Paper Session</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:30 – 17:15</td>
<td></td>
<td>Plenary Hall 11.3 ▶ Closing Ceremony</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:15 – 18:45</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:45 – 19:00</td>
<td></td>
<td>Congress Party</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00 – 23:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
29th European Congress of Pathology

Pathology for Patient Care

2 – 6 September 2017
Amsterdam RAI, The Netherlands

www.esp-congress.org

© Alexander Demyanyenko/Fotolia.com
Scientific Programme

- Business Meetings
- Best Poster Sessions
- Keynote Lectures
- Long Courses
- Oral Free Paper Sessions
- Short Courses
- Special Sessions
- Slide Seminars
- Symposia
- Trainee Sessions
- Videomicroscopy
Sunday, 25 September 2016

**OP-01** Special Session
19:00 – 20:00 Plenary Hall 11.3
Opening Ceremony

Monday, 26 September 2016

**LC-01** Long Course
08:30 – 12:00 Plenary Hall 11.3
Breast Pathology
Chairs: Anna Sapino, Italy
Tibor Tot, Sweden

Part 1
Histology-based prognostic markers besides grade and stage

001 08:30 – 08:50
Clinical relevance of Tumour-Infiltrating Lymphocytes (TILs) in breast cancer – a new marker for routine pathology?
Carsten Denkert, Germany

002 08:50 – 09:10
Ki67 evaluation
Frédérique Penault-Llorca, France

003 09:10 – 09:30
Tumour regression after neoadjuvant therapy
Peter Sinn, Germany

Part 2
Special types of breast cancers with clinical impact

004 10:30 – 10:53
Apocrine
Zoran Gatalica, USA

005 10:53 – 11:15
Tubular-cribriform
Emad Rakha, United Kingdom

006 11:15 – 11:38
Lobular
Sunil Lakhani, Australia

007 11:38 – 12:00
Adenoid cystic carcinoma
Caterina Marchiò, Italy

**SY-01** Symposium
08:30 – 12:00 Offenbachsaal
Gynaecological Pathology
New developments in uterine pathology
Chairs: Maria Rosaria Raspollini, Italy
Xavier Matias-Guiu, Spain

001 08:30 – 08:50
Benign proliferations mimicking malignancy
Philip Ip, Hong Kong

002 08:50 – 09:10
Endometrial indometrioid adenocarcinoma and its variants: Practical issues
Anais Malpica, USA

003 09:10 – 09:30
Application of immunohistochemistry to endometrial carcinoma
Blake Gilks, Canada

004 10:30 – 10:45
Discussion

005 10:45 – 11:05
New molecular classification
Xavier Matias-Guiu, Spain

006 11:05 – 11:25
Screening for Lynch and other syndromes in endometrial cancer
Robert Soslow, USA

007 11:25 – 11:45
Mesenchymal tumours (PEComa, t(10;17) HGESS, Myofibroblastic tumour, other new entities)
Sigurd Lax, Austria

008 11:45 – 12:00
Discussion

**LC-02** Long Course
08:30 – 12:00 Europasaal
Pulmonary Pathology
Lung cancer classification: Molecular basis and clinical impact
Chairs: Noriko Motoi, Japan
Ming Tsao, Canada

001 08:30 – 08:50
Beyond the 2015 WHO classification of lung cancer
William Travis, USA
002 08:50 – 09:10
Classification of neuroendocrine tumours
Elisabeth Brambilla, France

003 09:10 – 09:30
Classification and grading of resected lung squamous cell carcinomas
Kyuichi Kadota, Japan

004 10:30 – 11:00
Biomarker testing in thoracic small biopsy and cytology samples: Doing more with less
Natasha Rekhtman, USA

005 11:00 – 11:20
Scope and perspectives of molecular pathology as a diagnostic tool in pulmonary tumour modules
Stephan Schäfer, Germany

006 11:20 – 11:40
Prognostic impact of intra-alveolar tumour spread in lung cancer
Arne Warth, Germany

007 11:40 – 12:00
What did we learn from sequencing SCLC
Roman Thomas, Germany

SY-02 Symposium
08:30 – 12:00  Congress-Saal 2
Endocrine Pathology
What’s new in the new WHO classification of endocrine tumours?
Chairs: Kennichi Kakudo, Japan
Aurel Perren, Switzerland

001 08:30 – 09:00
Update of WHO classification of pituitary tumours
Robert Osamura, Japan

002 09:00 – 09:30
Update of WHO classification of thyroid and parathyroid tumours
Giovanni Tallini, Italy

003 10:30 – 11:00
Update of WHO classification of adrenal tumours and paraganglioma
Arthur Tischler, USA

004 11:00 – 11:30
Update of WHO classification of endocrine pancreatic tumours
Günter Klöppel, Germany

005 11:30 – 12:00
Update of WHO classification: Hereditary endocrine tumour syndromes
Anne Couvelard, France

SS-01 Slide Seminar
08:30 – 12:00  Congress-Saal 1
Cardiovascular Pathology
Diagnostic challenges in the pathology of arteries
Chairs: Allard van Der Wal, The Netherlands
Loukas Kaklamanis, Greece

001 08:30 – 09:00
Annalisa Angelini, Italy

002 09:00 – 09:30
James Stone, USA

003 10:30 – 11:00
Michel Wassef, France

004 11:00 – 11:30
Ornella Leone, Italy

005 11:30 – 12:00
Allard van Der Wal, The Netherlands

SY-03 Symposium
08:30 – 12:00  Congress-Saal 3
Nephropathology
Updates and trends in renal transplant pathology (+ Business Meeting)
Chairs: Michael Mengel, Canada
Heinz Regele, Austria

001 08:30 – 09:00
2015 Update of the Banff classification
Michael Mengel, Canada

002 09:00 – 09:30
What happened to acute TCMR? Does it follow the Banff classification?
Ibrahim Batal, USA

003 10:30 – 10:55
The impact of digital microscopy on transplant nephropathology
Badri Roysam, USA

004 10:55 – 11:20
Transplant pathology related to immunosuppressive agents
Helmut Hopfer, Switzerland
005  11:20 – 11:45  Transmission electron microscopy in renal transplant pathology  
_Candice Roufosse, United Kingdom_

006  11:45 – 12:00  Business meeting

**SY-04  Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 08:30 – 12:00 | North Conference Room  
Liver and Pancreas Pathology  
Dynamic pathology of liver tissue due to vascular changes and pathologic liver perfusion  
_Chairs: Valérie Paradis, France Dominique Valla, France_

001  08:30 – 09:00  Vascular liver diseases: The clinical point of view  
_Dominique Valla, France_

002  09:00 – 09:30  From sinusoidal dilatation to nodular regenerative hyperplasia: A wide pathological spectrum  
_Maria Guido, Italy_

003  10:30 – 11:00  Incomplete septal cirrhosis: A vascular disorder  
_Prodromos Hytiroglou, Greece_

004  11:00 – 11:30  Hepatocellular nodules arising in vascular diseases  
_Christine Sempoux, Switzerland_

005  11:30 – 12:00  Vascular neoplasms of the liver  
_Venancio Alves, Brazil_

**SY-05  Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 08:30 – 12:00 | Conference Room 1-2  
Infectious Diseases Pathology  
From H&E to next generation sequencing (NGS): The impact of the pathologist in the diagnosis of infectious diseases in 2016  
_Chairs: Gieri Cathomas, Switzerland Sherif Zaki, USA Abbas Agaimy, Germany_

001  08:30 – 09:00  Do not forget the H&E: Power and limitation of histology in the diagnosis of ID  
_Danny Milner, USA_

002  09:00 – 09:30  Emerging infections in solid organ transplants  
_Sherif Zaki, USA_

003  10:30 – 10:54  Conventional molecular methods in granulomatous lesions  
_Gieri Cathomas, Switzerland_

004  10:54 – 11:18  From the Acid Fast Stain to Whole Genome Sequencing – Changes in the strategy to diagnose tuberculosis  
_Stefan Niemann, Germany_

005  11:18 – 11:42  NGS in the diagnosis of infectious diseases: The end or a new beginning of ID pathology?  
_Gregor Gorkiewicz, Austria_

006  11:42 – 12:00  Business Meeting of the ESP Infectious Disease Pathology Working Group

**OFP-01  Oral Free Paper Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 08:30 – 12:00 | Conference Room 5  
Digestive Diseases Pathology – GI  
_Chairs: Jean-Francois Fléjou, France Fátima Carneiro, Portugal_

001  08:30 – 08:42  Comparison of KRAS, NRAS and PIK3CA mutational status in Poorly Differentiated Clusters (PDC) and corresponding main tumour mass of colon cancer  
_Valeria Barresi, Italy L. Reggiani Bonetti, S. Bettelli, A. Maiorana_
003 08:42 – 08:54
Combining digital image analysis with ngTMA construction: Lessons from a study analyzing CDX1 and CDX2 in colorectal cancer
Sarah Nolte, Germany
I. Zlobec, A. Lugli, W. Hohenberger, R. Croner, S. Merkel, A. Hartmann, C. Geppert, T. Rau

004 08:54 – 09:06
Does histopathological scoring system predict complications in pediatric patients with Crohn’s disease?
Ondrej Fabian, Czech Republic
O. Hradsky, K. Potuznikova, L. Hornofova, J. Bronsky, L. Krskova, A. Kalfusova, J. Zamecnik

005 09:06 – 09:18
SOX2 loss predicts adverse survival of esophageal adenocarcinoma patients
Fiebo Ten Kate, The Netherlands
S. van Olphen, M. Bruno, B. Wijnhoven, J. van Lanschot, L. Looijenga, R. Fitzgerald, K. Biermann

006 09:18 – 09:30
Evolution to microscopic colitis-like change: Possible pattern of ulcerative colitis?
Kaushal Kishor Prasad, India

007 10:30 – 10:40
Endoscopic nodular gastritis with Helicobacter pylori infection: An indicator of high-grade bacterial colonization and severe gastritis in children
Kaushal Kishor Prasad, India

008 10:40 – 10:50
The search for an epithelial-mesenchymal phenotype in colorectal cancer reveals a subset of cytokeratin-positive/vimentin-positive cells derived from the tumour
Sara Nada Meyer, Switzerland

009 10:50 – 11:00
Histological and immunological characteristics of colitis associated with anti-CTLA-4 antibody therapy
Marina Perdiki, Greece
G. Bamias, D. Pouloudi, H. Goga, J. Delladetsima

010 11:00 – 11:10
High grade dysplasia and large size as predictors of mismatch repair deficiency in Lynch Syndrome-associated colorectal adenomas
Natalia Rakislova, Spain
I. Aldecoa, C. Montironi, A. Sierra, P. Vargas, S. Carballal, A. Castells, J. A. Bombí, F. Balaguer, M. Cuatrecasas

011 11:10 – 11:20
Gastric microbiota and carcinogenesis: The role of non-helicobacter pylori bacteria. A systematic review
Ana Galaghar, Portugal
E. Dias-Jácome, A. Silva, D. Libânio, M. Borges-Canta, P. Pimentel-Nunes

012 11:20 – 11:30
Gastric carcinoma with lymphoid stroma: A study of Epstein-Barr virus, microsatellite instability, tumour immune microenvironment and PD-L1 expression
Irene Gullo, Portugal
G. Gonsalves, M. Pinto, F. Machado, G. M. Almeida, C. Oliveira, F. Carneiro

013 11:30 – 11:40
Expression of the histone methyltransferase EZH2 in colorectal cancer
Sônia Dias Carvalho, Portugal

014 11:40 – 11:50
The role of the central pathology lab in SPECTAcolor
Edit Szepessy, Belgium
A. Gheeraert, A. Poncin, E. Varin, A. Atasoy, P. Hönscheid, T. Gorlia, R. Salgado, D. Aust
IAP / ESP 2016 · Cologne

Scientific Programme ➤ Monday

015 11:50 – 12:00
The serrated neoplasia pathway of colorectal tumours: Identification of MUC5AC hypomethylation as an early marker of polyps with malignant potential

Florence Renaud, France

12:15 – 13:00
KL-01 Keynote Lecture
Plenary Hall 11.3
Chair: Fátima Carneiro, Portugal
Mechanism of early dissemination, dormancy and metastasis in breast cancer models
Julio Aguirre-Ghiso, USA

14:45 – 16:45
SY-06 Symposium
Plenary Hall 11.3
Breast Pathology
Molecular pathology of breast cancer, bench to bedside
Chairs: Anna Sapino, Italy
Hans Kreipe, Germany

14:45 – 15:00
001
Gene expression signatures: Which patients need it?
Marc van der Vijver, The Netherlands

15:00 – 15:15
002
NGS/WGS analyses in breast cancer, is it ready for the clinic
Paul van Diest, The Netherlands

15:15 – 15:45
003
Liquid biopsy (CTC and cfDNA) in breast cancer diagnosis and monitoring recurrence
Giulia Siravegna, Italy

15:45 – 16:15
004
Molecular pathology of BRCA and BRCA-like carcinomas
Sunil Lakhani, Australia

14:45 – 16:45
SS-02 Slide Seminar
Offenbachsaal
Gynaecological Pathology
Advances in gynaecological pathology
Chairs: Gian Franco Zannoni, Italy
Nafisa Wilkinson, United Kingdom

14:45 – 15:00
001
Ana Felix, Portugal

15:00 – 15:15
002
Takako Kiyokawa, Japan

15:15 – 15:30
003
Lyndal Anderson, Australia

15:30 – 15:45
004
Surapan Khunamornpong, Thailand

15:45 – 16:00
005
Annette Staebler, Germany

16:00 – 16:15
006
Joseph Carlson, Sweden

16:15 – 16:30
007
Sabrina Croce, France

16:30 – 16:45
008
Simona Stolnicu, Romania

14:45 – 16:45
SC-01 Short Course
Europasaal
Pulmonary Pathology
Molecular advances in lung pathology
Chairs: Giuseppe Pelosi, Italy
Haodong Xu, USA

14:45 – 15:05
001
Recent advances in molecular assessment of lung cancer
Reinhard Büttner, Germany

15:05 – 15:25
002
Molecular abnormalities in preneoplastic and preinvasive pulmonary epithelial lesions
Lina Carvalho, Portugal

15:25 – 15:45
003
PDL-1 therapy in lung cancer
Edwin Roger Parra, Brazil

15:45 – 16:05
004
Biomarkers for immunotherapy beyond PD1/PDL1
Helmut Popper, Austria
005 16:05 – 16:25
The utilization of cytologic fine-needle aspirates of lung cancer for molecular diagnostic testing
Lukas Bubendorf, Switzerland

006 16:25 – 16:45
Lung cancer heterogeneity
Paul Waring, USA

SS-03 Slide Seminar
14:45 – 16:45 Congress-Saal 2
Endocrine Pathology
Challenges in the daily practice of endocrine pathology (+ Business Meeting)
Chairs: Manuel Sobrinho Simões, Portugal
Guido Rindi, Italy

001 14:45 – 15:07
Ozgur Mete, Canada
002 15:07 – 15:29
Soon-Won Hong, Republic of Korea
003 15:29 – 15:51
Manuel Sobrinho Simões, Portugal
004 15:51 – 16:13
Bence Sipos, Germany
005 16:13 – 16:35
Martin Anlauf, Germany
006 16:35 – 16:45
Business affairs of the Endocrine WG
Ola Nilsson, Sweden
Stefano La Rosa, Switzerland

SPEC-01 Special Session
14:45 – 16:45 Congress-Saal 1
Rodger Haggitt Society
Chairs: Marie Robert, USA
Michael Vieth, Germany

001 14:45 – 15:15
Celiac disease and refractory sprue
Marie Robert, USA
002 15:15 – 15:45
Barrett’s esophagus: Diagnostic challenges and controversies
Robert Odze, United Kingdom
003 15:45 – 16:15
Problematic polyps of the gastrointestinal tract
Rhonda Yantiss, USA
004 16:15 – 16:45
Mesenchymal lesions of the gastrointestinal tract
Jason Hornick, USA

SC-02 Short Course
14:45 – 16:45 Congress-Saal 3
Nephropathology
Monoclonal gammopathy amyloidosis and the kidney
Chairs: Eva Honsova, Czech Republic
Kerstin Amann, Germany

001 14:45 – 15:15
Monoclonal gammopathy of renal significance: The role of renal biopsy in guiding patient management. The hematologist’s/nephrologist’s perspective
Christoph Scheid, Germany
002 15:15 – 15:45
Light chain tubulopathies: Relationship between pathology and clinical outcome
Michael Barry Stokes, USA
003 15:45 – 16:15
Histological spectrum of monoclonal gammopathy-related glomerular disease
Virginie Royal, Canada
004 16:15 – 16:45
Molecular pathogenesis and diagnosis of amyloidosis: From light microscopy to mass spectrometry and paraprotein fingerprinting
Samih Nasr, USA

SY-11 Symposium
14:45 – 16:45 North Conference Room
Head and Neck Pathology
Emerging biomarkers and targeted treatments in head and neck cancer
Chairs: Ilmo Leivo, Finland
Lisa Licitra, Italy

001 14:45 – 15:05
The molecular landscape of head and neck squamous carcinoma
Alfons Nadal, Spain
002 15:05 – 15:25
Emerging treatments in head and neck squamous carcinoma
Carla Van Herpen, The Netherlands
**Monday, 26 Sept**

**IAP / ESP 2016 · Cologne**

**Scientific Programme ▶ Monday**

003 15:25 – 15:45
Novel targets in salivary gland carcinomas
*Ilmo Leivo, Finland*

004 15:45 – 16:05
Targeted treatment of salivary gland carcinomas
*Lisa Licitra, Italy*

005 16:05 – 16:25
Novel targets for the treatment of odontogenic tumours
*Kristiina Heikinheimo, Finland*

006 16:25 – 16:45
Novel targets for the treatment of soft tissue tumours of the head and neck
*Uta Flucke, The Netherlands*

**SS-05 Slide Seminar**

14:45 – 16:45 Conference Room 1-2
Infectious Diseases Pathology
Granulomatous lesions: Expected and unexpected infections (in conjunction with the Binford-Dammin Society of the USA)
*Chairs: Paul Hofman, France*
*Danny Milner, USA*
*Gieri Cathomas, Switzerland*

001 14:45 – 15:02
*Sherif Zaki, USA*

002 15:02 – 15:19
*Danny Milner, USA*

003 15:19 – 15:36
*Abbas Agaimy, Germany*

004 15:36 – 15:53
*Carlos Marques Pontinha, Portugal*

005 15:53 – 16:10
*Andre Moreira, USA*

006 16:10 – 16:27
*Paul Hofman, France*

**OFP-02 Oral Free Paper Session**

14:45 – 16:45 Conference Room 5
Digestive Diseases Pathology – Liver / Pancreas
*Chairs: Irene Esposito, Germany*
*N Volkan Adsay, USA*

001 14:45 – 14:55
The histopathologic changes of alcoholic steatohepatitis over time after glucocorticoid therapy
*Benjamin Allanson, Australia*
*L. Spahr, L. Rubbia-Brandt*

002 14:55 – 15:05
The short bowel syndrome is a major risk factor of liver disease in adults with intestinal failure and parenteral nutrition
*Dominique Cazals-Hatem, France*
*P. E. Rautou, V. Bondjemah, L. Billiauws, O. Corcos, F. Joly*

003 15:05 – 15:15
Prognostic role of c-myc amplification in pancreatic acinar cell carcinomas
*Stefano La Rosa, Switzerland*
*B. Bernasconi, M. G. Tibiletti, A. Vanoli, L. Zang, K. Notohara, L. Albarello, S. Casnedi, A. Assi, F. Sessa*

004 15:15 – 15:25
Programmed cell death and immune response by modulated electro-hyperthermia in colorectal cancer allografts
*Tamas Vancsik, Hungary*
*E. Kiss, C. Kovago, N. Meggyeshazi, T. Krenacs*

005 15:25 – 15:35
Hepatic progenitor cells: A potent survivor in metastatic carcinomas: Preliminary results
*Ioanna Delladetsima, Greece*
*S. Sakellariou, E. Poulaki, D. Tiniakos*

006 15:35 – 15:45
Characterization of pancreatic stellate cells in pancreatic ductal adenocarcinoma and cases of chronic pancreatitis of various etiologies
*Lena Häberle, Germany*
*K. Steiger, A.-M. Schlitter, M. Erkan, I. Esposito*
Monday, 26 Sept

007 15:45 – 15:55
Ampullary carcinoma: Analysis of RAS-pathway gene mutation status
Oxana Paklina, Russia
G. Setdikova, N. Pospekhova, V. Shubin, A. Daabul, D. Rotin

008 15:55 – 16:05
Epithelium-mesenchyme transformation in pancreas duct adenocarcinoma
Oxana Paklina, Russia
G. Setdikova, T. Satnikova, N. Pospekhova, V. Shubin

009 16:05 – 16:15
Survey of hepatocellular adenoma in Japan
Masahiko Sugitani, Japan
A. Izu, N. Kinukawa, M. Esumi, M. Ogawa, S. Yamazaki, T. Takayama, M. Nakano

010 16:15 – 16:25
TXNIP overexpression promotes aggressive phenotype in HCC cell lines
Funda Yilmaz, Turkey

011 16:25 – 16:35
Histological tumour stroma negative mesopancreatic resection margin correlates with patients outcome and can be predicted by preoperative radiologic parameters
Peter Bronsert, Germany

012 16:35 – 16:45
Histopathological tumour invasion of the mesenterico-portal vein is characterized by aggressive biology and stromal fibroblast activation
Peter Bronsert, Germany
H. Lapshyn, M. Werner, T. Keck, L. Bolm, U. Wellner

BPS-01 Best Poster Session
16:45 – 17:15
Hall 11.3
E-Poster Terminal 1
Breast Pathology
Chair: Anna Sapino, Italy

BPS-02 Best Poster Session
16:45 – 17:15
Hall 11.3
E-Poster Terminal 2
Endocrine Pathology
Chair: Ola Nilsson, Sweden

BPS-03 Best Poster Session
16:45 – 17:15
Hall 11.3
E-Poster Terminal 3
Digestive Diseases Pathology – Liver and Pancreas
Chair: Giuseppe Zamboni, Italy

BPS-04 Best Poster Session
16:45 – 17:15
Hall 11.3
E-Poster Terminal 4
Cardiovascular Pathology / Infectious Diseases Pathology / Nephropathology
Chair: Cristina Basso, Italy

SS-06 Slide Seminar
17:15 – 19:15
Plenary Hall 11.3
Breast Pathology
Odd lesions of the breast
Chairs: Sunil Lakhani, Australia
Cecily Quinn, Ireland

001 17:15 – 17:39
Felipe Geyer, Brazil

002 17:39 – 18:03
Maria Pia Foschini, Italy

003 18:03 – 18:27
Hans Kreipe, Germany

004 18:27 – 18:51
Abeer Shaaban, United Kingdom

005 18:51 – 19:15
Ira Bleiweiss, USA

SC-03 Short Course
17:15 – 19:15
Offenbachsaal
Gynaecological Pathology
Vulvo-vaginal pathology update
Chairs: Jaume Ordi, Spain
Glenn McCluggage, United Kingdom

001 17:15 – 17:35
Squamous neoplasia – premalignant
Jaume Ordi, Spain
The Scientific Programme on Monday:

**SC-04**  
**Short Course**  
17:15 – 19:15  
Congress-Saal 2  
Endocrine Pathology  
Pathologists guiding oncologists' decisions in aggressive endocrine tumours  
*Chairs: Ola Nilsson, Sweden  
Stefano La Rosa, Switzerland*

**SC-05**  
**Short Course**  
17:15 – 19:15  
Congress-Saal 1  
Cardiovascular Pathology  
Case based course on clinicopathological correlation of difficult cardiac masses  
*Chairs: James Stone, USA  
Mary N. Sheppard, United Kingdom*

**002**  
17:35 – 17:55  
Squamous neoplasia – malignant  
*Gustavo Focchi, Brazil*

**003**  
17:55 – 18:15  
Glandular neoplasia  
*Mojgan Devouassoux-Shisheboran, France*

**004**  
18:15 – 18:35  
Common mesenchymal tumours  
*Gunnlaugur Petur Nielsen, USA*

**005**  
18:35 – 18:55  
Rare mesenchymal and mesenchymal like lesions  
*Koen Van de Vijver, The Netherlands*

**006**  
18:55 – 19:15  
Melanocytic lesions  
*Maria Angelica Selim, USA*

**SS-07**  
**Slide Seminar**  
17:15 – 19:15  
Europasaal  
Pulmonary Pathology  
Interesting non-neoplastic pulmonary cases  
*Chair: Erik Thunnissen, The Netherlands*

**001**  
17:15 – 17:35  
Andrew Nicholson, United Kingdom

**002**  
17:35 – 17:55  
William Wallace, United Kingdom

**003**  
17:55 – 18:15  
Katrien Grünberg, The Netherlands

**004**  
18:15 – 18:35  
Tomonori Tanaka, Japan

**005**  
18:35 – 18:55  
Osamu Matsubara, Japan

**006**  
18:55 – 19:15  
Wim Timens, The Netherlands

**001**  
17:15 – 17:45  
Diagnosis and treatment of adrenocortical carcinomas, an update  
*Hironobu Sasano, Japan  
Eric Baudin, France*

**002**  
17:45 – 18:15  
Prognostic factors and treatment of gastroenteropancreatic G3 neuroendocrine carcinomas  
*David Klimstra, USA  
Halfdan Sorbye, Norway*

**003**  
18:15 – 18:45  
Diagnosis and treatment of aggressive thyroid neoplasms  
*Yersu Kapran, Turkey  
Fabio Orlandi, Italy*

**004**  
18:45 – 19:15  
Diagnosis and treatment of aggressive pulmonary neuroendocrine neoplasms  
*William Travis, USA  
Eric Baudin, France*
<table>
<thead>
<tr>
<th>Session</th>
<th>Time</th>
<th>Title</th>
<th>Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-08</td>
<td>17:15 – 19:15</td>
<td>Joint Slide Seminar Electron Microscopy / Nephropathology Light and electron microscopy in the diagnostic work-up of kidney biopsies</td>
<td>Chairs: Jan Ulrich Becker, Germany</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Josep Lloreta-Trull, Spain</td>
</tr>
<tr>
<td></td>
<td>17:15 – 19:15</td>
<td>Congress-Saal 3</td>
<td></td>
</tr>
<tr>
<td>SS-09</td>
<td>17:15 – 19:15</td>
<td>Joint Slide Seminar Liver/Pancreas Pancreatic and liver neoplasms: Progress in diagnostics</td>
<td>Chairs: Valérie Paradis, France</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Giuseppe Zamboni, Italy</td>
</tr>
<tr>
<td></td>
<td>17:15 – 17:30</td>
<td>Catherine Horsfield, United Kingdom</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:30 – 17:45</td>
<td>Danica Galesic Ljubanovic, Croatia</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:45 – 18:00</td>
<td>Thorsten Wiech, Germany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18:00 – 18:15</td>
<td>Saba Kiremitci, Turkey</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18:15 – 18:30</td>
<td>Marian Claansen-van Groningen, The Netherlands</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18:30 – 18:45</td>
<td>Amélie Dendooven, Belgium</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18:45 – 19:00</td>
<td>Stefan Porubsky, Germany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>19:00 – 19:15</td>
<td>Kerstin Amann, Germany</td>
<td></td>
</tr>
<tr>
<td>SC-06</td>
<td>17:15 – 19:15</td>
<td>Conference Room 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Joint Short Course Infectious Diseases Pathology / Head and Neck Pathology Infections and their mimics in the head and neck pathology</td>
<td>Chairs: Gieri Cathomas, Switzerland</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Stephan Ihrler, Germany</td>
</tr>
<tr>
<td></td>
<td>17:15 – 17:45</td>
<td>HIV-associated diseases – lessons from an endemic area</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Amir Afrogheh, South Africa</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:45 – 18:15</td>
<td>Deep mycoses: Rare but life threatening diseases</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kathrin Tintelnot, Germany</td>
<td></td>
</tr>
<tr>
<td></td>
<td>18:15 – 19:15</td>
<td>Virus-associated carcinoma: Peculiar tropism and possible consequences for early detection</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stephan Ihrler, Germany</td>
<td></td>
</tr>
<tr>
<td>OFP-03</td>
<td>17:15 – 19:15</td>
<td>Conference Room 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cytopathology</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chairs: Pio Zeppa, Italy</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Beatrix Cochand-Priollet, France</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:15 – 17:25</td>
<td>Medical simulation training in fine needle aspiration cytology using phantoms: University teaching experience</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eduardo Alcaraz Mateos, Spain</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>F. Caballero Alemán, M. J. Párraga Ramírez, E. Poblet Martínez</td>
<td></td>
</tr>
<tr>
<td></td>
<td>17:25 – 17:35</td>
<td>On-site cytology for patient derived three dimensional organoid cultures: A pilot study</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Verena Sailer, USA</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>T. McNary, Y. Churakova, C. Pauli, J. M. Mosquera, M. A. Rubin, R. Rao</td>
<td></td>
</tr>
</tbody>
</table>
**Monday, 26 Sept**

**003 17:35 – 17:45**
Reparative, neoplastic and cancer epithelial-mesenchymal structures with stem cell markers and their role in uterine cervical cancerogenesis
*Evgenija Kogan, Russia*
J. Lee, T. Demura, N. Fayzullina

**004 17:45 – 17:55**
Triage of ASC cytology using biomarkers: A comparative study of SurePath, ThinPrep and CellSolutions platforms
*Reza Alaghehbandan, Canada*
S. Ratnam

**005 17:55 – 18:05**
Breast cytology continues to be relevant in a large academic medical center
*Elena Brachtel, USA*
A. Ly, R. Arpin, J. Dong

**006 18:05 – 18:15**
Assisting the neurologist in diagnosis of CNS malignancies. Current possibilities and limits of cerebrospinal fluid cytology and immunocytochemistry
*Jaroslava Dušková, Czech Republic*
O. Sobek

**007 18:15 – 18:25**
Accuracy of cytology in typing of non-small cell lung cancer
*Jelena Dzambas, Serbia*
Z. Tatomirovic, V. Skuletic, L. Jovanovic, S. Cerovic

**008 18:25 – 18:35**
Neutrophil extracellular DNA networks to limit the peripheral tumour cell proliferation
*Anna Semenova, Russia*
I. Dolgushin, Y. Shishkova, E. Kazachkov

**009 18:35 – 18:45**
Neoplastic mucinous cysts of the pancreas: Cytology grading adds value to risk stratification
*Nithya Menon, Australia*

**010 18:45 – 18:55**
Adequacy of cytology specimens for molecular testing in lung adenocarcinoma
*Ines Rolim, Portugal*
R. Fonseca, F. Cunha

**011 18:55 – 19:05**
Antibody specificity, epitope retrieval, and detection method sensitivity as important determinants in the immunohistochemical detection of programmed death ligand 1
*John Cogswell, USA*

**012 19:05 – 19:15**
Tuberculous pleural effusion: Cytologic review of 52 patients with corresponding histopathological diagnoses
*Hasrayati Agustina, Indonesia*
H. Dewi, B. S. Hernowo

---

Please visit the IAP/ESP Booth in the Technical Exhibition (Hall 11.3).
Tuesday, 27 September 2016

LC-03 Long Course
08:30 – 12:00 Plenary Hall 11.3
Gynaecological Pathology
The spectrum of cervical pathology
Chairs: Sigurd Lax, Austria
Esther Oliva, USA

001 08:30 – 08:50
New nomenclature of squamous lesions
Simon Herrington, United Kingdom

002 08:50 – 09:10
Cytology Correlate
Terence Colgan, Canada

003 09:10 – 09:30
Benign endocervical glandular proliferations
Esther Oliva, USA

004 10:30 – 10:45
Discussion

005 10:45 – 11:05
Malignant glandular tumours of cervix
usual type adenocarcinoma, early invasion,
old versus new patterns of invasion and
prognosis
Andres Roma, USA

006 11:05 – 11:25
Malignant glandular tumours of cervix
(uncommon-gastric including adenoma
malignum, intestinal, clear cell carcinoma)
Glenn McCluggage, United Kingdom

007 11:25 – 11:45
Neuroendocrine tumours
Isabel Alvarado Cabrero, Mexico

008 11:45 – 12:00
Discussion

LC-04 Long Course
08:30 – 12:00 Offenbachsaal
Haematopathology
Molecular testing in haematopathology
Chairs: Han van Krieken, The Netherlands
Falko Fend, Germany

001 08:30 – 09:00
Potentials and problems of clonality testing
in lymphoproliferations: Teaching cases
Patricia Groenen, The Netherlands

002 09:00 – 09:30
Pitfalls using FISH for lymphoma classification
Christiane Copie-Bergman, France

003 10:30 – 11:00
Principles and approaches of high
throughput sequencing
Falko Fend, Germany

004 11:00 – 11:30
Will NGS replace all other molecular tests
for lymphoma diagnostics?
Han van Krieken, The Netherlands

005 11:30 – 12:00
Proteomics, a promise for the future?
Kojo Elenitoba-Johnson, USA

SY-07 Symposium
08:30 – 12:00 Europasaal
Joint Symposium Digestive Diseases
Pathology & ECCO
The interdisciplinary approach to
inflammatory bowel disease
Chairs: Cord Langner, Austria
Marco Daperno, Italy

001 08:30 – 09:00
Basic pathology of IBD and differential
diagnosis
Roger Feakins, United Kingdom

002 09:00 – 09:30
IBD in children
Paula Borralho Nunes, Portugal

003 10:30 – 10:45
Mucosal healing (Tandem Talk):
Endoscopist’s perspective
Marco Daperno, Italy

004 10:45 – 11:00
Mucosal healing (Tandem Talk):
Pathologist’s perspective
Vincenzo Villanacci, Italy

005 11:00 – 11:30
The pathophysiology of IBD-related
neoplasmia
Simon Leedham, United Kingdom

006 11:30 – 11:45
Dysplasia (Tandem Talk):
Endoscopist’s perspective
Rami Eliakim, Israel
### SY-08 Symposium

**08:30 – 12:00**  
Congress-Saal 2  
Pulmonary Pathology

**Technological advances in non-neoplastic lung disease**  
*Chairs: Thomas Colby, USA  
Alberto Cavazza, Italy*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Molecular techniques in diagnosis of pulmonary infections</td>
<td>Scott Wesley Long, USA</td>
</tr>
<tr>
<td>08:50</td>
<td>Use of immunohistochemistry in diagnosis of pulmonary infections</td>
<td>Giulio Rossi, Italy</td>
</tr>
<tr>
<td>09:10</td>
<td>Role of BRAF gene in pulmonary histiocytic proliferations</td>
<td>Anja Roden, USA</td>
</tr>
<tr>
<td>10:30</td>
<td>Transbronchial lung cryobiopsy in the diagnosis of fibrotic interstitial lung diseases</td>
<td>Thomas Colby, USA</td>
</tr>
<tr>
<td>10:50</td>
<td>Spiral array: A new high-throughput technology for tissue heterogeneity</td>
<td>Junya Fukuoka, Japan</td>
</tr>
<tr>
<td>11:10</td>
<td>Molecular characterization and therapy in pulmonary fibrosis</td>
<td>Fiorella Calabrese, Italy</td>
</tr>
<tr>
<td>11:30</td>
<td>Molecular and immune factors in acute lung injury</td>
<td>Vera Capelozzi, Brazil</td>
</tr>
</tbody>
</table>

### SY-09 Symposium

**08:30 – 12:00**  
Congress-Saal 1  
Joint Symposium Soft Tissue Pathology & Trainees

**Vascular tumours of bone and soft tissue**  
*Chairs: Christopher Fletcher, USA  
Angelo Paolo Dei Tos, Italy*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Clinical/radiological classification of vascular malformations</td>
<td>Laurence Boon, Belgium</td>
</tr>
<tr>
<td>09:00</td>
<td>Current concepts in classification of vascular tumours of bone</td>
<td>J. V. M. G. Bovee, The Netherlands</td>
</tr>
<tr>
<td>10:30</td>
<td>Angiosarcoma revisited</td>
<td>Thomas Mentzel, Germany</td>
</tr>
<tr>
<td>11:00</td>
<td>Vascular tumours in childhood and infancy: An update</td>
<td>Rita Alaggio, Italy</td>
</tr>
<tr>
<td>11:30</td>
<td>Case presentation</td>
<td>Inga-Marie Schaefer, USA</td>
</tr>
<tr>
<td>11:45</td>
<td>Case presentation</td>
<td>Marta Sbaraglia, Italy</td>
</tr>
</tbody>
</table>

### LC-05 Long Course

**08:30 – 12:00**  
Congress-Saal 3  
Head and Neck Pathology

**WHO classification of head and neck tumours: What’s new?**  
*Chairs: Pieter Slootweg, The Netherlands  
Lester Thompson, USA*

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30</td>
<td>Introductory remarks</td>
<td>Pieter Slootweg, The Netherlands</td>
</tr>
<tr>
<td>08:46</td>
<td>Tumours of salivary glands</td>
<td>Alena Skalova, Czech Republic</td>
</tr>
<tr>
<td>09:08</td>
<td>Odontogenic tumours</td>
<td>Paul Speight, United Kingdom</td>
</tr>
</tbody>
</table>
Tuesday, 27 Sept

**LC-06**

**Long Course**

08:30 – 12:00  
Conference Room 1-2  
**Joint Long Course Electron Microscopy and Paediatric Pathology**

**Electron microscopy in the multidisciplinary management of paediatric diseases**  
*Chairs: Josep Lloreta-Trull, Spain*  
*Marta Cohen, United Kingdom*  
*Paola Dal Cin, USA*

001 08:30 – 08:34  
Introductory remarks  
*Josep Lloreta-Trull, Spain*

002 08:34 – 09:02  
Glomerulopathies in children and adolescents: More than meets the eye  
*Guillermo Herrera, USA*

003 09:02 – 09:30  
Paediatric skin disorders: Cornyfying and bullous diseases, and more  
*Dieter Metze, Germany*

004 10:30 – 10:45  
Paediatric liver disorders: Ultrastructural clues for diagnosis  
*Maesha Deheragoda, United Kingdom*

007 11:15 – 11:35  
Small blue round cell tumours: Contribution of electron microscopy  
*John Hicks, USA*

008 11:35 – 11:50  
Cytogenetics and molecular biology of small blue round cell tumours  
*Paola Dal Cin, USA*

009 11:50 – 12:00  
Electron microscopy makes a difference in the study of childhood neoplasms by fine needle aspiration  
*Elba Turbat-Herrera, USA*

---

**SPEC-02**

**Special Session**

08:30 – 12:00  
North Conference Room  
**DGP**

**Basic science and research**  
*Chairs: Reinhard Büttner, Germany*  
*Peter Schirmacher, Germany*

001 08:30 – 08:38  
Introduction and welcome  
*Reinhard Büttner, Germany*

002 08:38 – 08:45  
Introduction and welcome  
*Peter Schirmacher, Germany*

003 08:45 – 09:08  
Molecular pathology of renal cell carcinomas  
*Holger Moch, Switzerland*

004 09:08 – 09:30  
Molecular pathology of liver cancer  
*Peter Schirmacher, Germany*

005 10:30 – 10:53  
Classification and molecular pathology of colorectal cancer  
*Thomas Kirchner, Germany*

006 10:53 – 11:15  
Deciphering the BRCAneess phenotype in solid cancers  
*Reinhard Büttner, Germany*

007 11:15 – 11:38  
Classification and molecular pathology of lymphomas  
*Andreas Rosenwald, Germany*

008 11:38 – 12:00  
Molecular pathology of prostate cancer  
*Sven Perner, Germany*
**LC-07**  
**Long Course**  
08:30 – 12:00  
Conference Room 5  
Cytopathology  
Cytopathology in the genomic era  
Part 1  
Chairs: Pio Zeppa, Italy  
Robert Osamura, Japan

001  08:30 – 08:50  
Pancratic EUS NGS  
**Aldo Scarpa**, Italy

002  08:50 – 09:10  
Thyroid microRNAs  
**Matthias Dettmer**, Switzerland

003  09:10 – 09:30  
Gene expression analysis in breast cancer  
**Manfred Dietel**, Germany

Part 2  
Chairs: Lukas Bubendorf, Switzerland  
Fernando Schmitt, Luxemburg

004  10:30 – 10:50  
Pre-analytical challenges for genomic analysis in cytology  
**Fernando Schmitt**, Luxembourg

005  10:50 – 11:10  
Next Generation Sequencing in cytology  
**Lukas Bubendorf**, Switzerland

006  11:10 – 11:30  
Circulating tumour cells for “liquid biopsy”  
**Klaus Pantel**, Germany

007  11:30 – 11:50  
Cytology-perfect targets for genomic detection  
**Robert Osamura**, Japan

**SC-07**  
**Short Course**  
14:45 – 16:45  
Plenary Hall 11.3  
Joint Short Course ESP/ESGO  
Gynaecological molecular pathology and its impact on clinical practice  
Chairs: Pierre Bedossa, France  
Carien Creutzberg, The Netherlands  
Maria Rosaria Raspollini, Italy

001  14:45 – 15:05  
Molecular pathology of endometrial carcinoma  
**Xavier Matias-Guiu**, Spain

002  15:05 – 15:25  
Molecular pathology of endometrial carcinoma and its impact on clinical management  
**Carien Creutzberg**, The Netherlands

003  15:25 – 15:45  
Molecular pathology of uterine stromal tumours  
**Esther Oliva**, USA

004  15:45 – 16:05  
Molecular pathology of uterine stromal tumour and its impact on clinical management  
**Frederic Amant**, Belgium

005  16:05 – 16:25  
Hereditary syndromes in gynecology  
**Robert Soslow**, USA

006  16:25 – 16:45  
Lynch syndrome – management of gynaecological cancer risk  
**Usha Menon**, United Kingdom

**SS-10**  
**Slide Seminar**  
14:45 – 16:45  
Offenbachsaal  
Haematopathology  
Diagnostic challenges in lymphoma diagnosis  
Chairs: Wolfram Klapper, Germany  
John Chan, Hong Kong

001/002  14:45 – 15:15  
**Wolfram Klapper**, Germany

003/004  15:15 – 15:45  
**John Chan**, Hong Kong

005  15:45 – 16:00  
**Eric Hsi**, USA
SC-08  Short Course  
14:45 – 16:45  Europasaal  
Digestive Diseases Pathology  
ESP/UEG Joint Short Course:  
Polyps and polyosis syndromes in the upper GI tract  
Chairs: Cord Langner, Austria  
Horst Neuhaus, Germany

001  14:45 – 15:05  
Perspective of the gastroenterologist  
Horst Neuhaus, Germany

002  15:05 – 15:25  
Sporadic epithelial polyps and polyoid carcinomas  
Ryoji Kushima, Japan

003  15:25 – 15:45  
Hereditary lesions  
Fátima Carneiro, Portugal

004  15:45 – 16:05  
Giant folds in the stomach  
Jean-François Fléjou, France

005  16:05 – 16:25  
Neuroendocrine tumours  
Robert Riddell, Canada

006  16:25 – 16:45  
Mesenchymal tumours and tumour-like lesions  
Eva Wardelmann, Germany

VI-01  Videomicroscopy  
14:45 – 16:45  Congress-Saal 1  
Uropathology  
Challenging diagnostic cases in uropathology  
Chairs: Marina Scarpelli, Italy  
Simone Bertz, Germany

001  14:45 – 15:15  
Pedro Oliveira, Portugal

002  15:15 – 15:45  
Rainer Grobholz, Switzerland

003  15:45 – 16:15  
Simone Bertz, Germany

004  16:15 – 16:45  
Dilek Baydar, Turkey

SY-10  Symposium  
14:45 – 16:45  Congress-Saal 2  
Pulmonary Pathology  
New concepts in tumours of the pleura and pleural cytology  
Chairs: Marianne Engels, Germany  
Lucian Chirieac, USA

001  14:45 – 15:05  
Classification and genetics of mesothelioma  
Francoise Galateau Sallé, France

002  15:05 – 15:25  
New techniques in diagnosis of mesothelioma vs pleuritis  
Andrew Churg, Canada

003  15:25 – 15:45  
Updated guideline on diagnosis of mesothelioma  
Aliya Husain, USA

004  15:45 – 16:05  
Pleural effusions  
Marianne Engels, Germany

005  16:05 – 16:25  
Molecular and immunohistochemical testing in pleural cytology  
Spasenija Savic, Switzerland

006  16:25 – 16:45  
Next Generation Sequencing in cytology specimens  
Sinchita Roy Chowdhuri, USA

SS-04  Slide Seminar  
14:45 – 16:45  Congress-Saal 3  
Head and Neck Pathology  
Challenging cases in head and neck pathology  
Chairs: Alessandro Franchi, Italy  
Roderick Simpson, Canada

001  14:45 – 15:00  
Nina Zidar, Slovenia

002  15:00 – 15:15  
Abbas Agaimy, Germany
**Tuesday, 27 Sept**

**003** 15:15 – 15:30  
*Silvana Di Palma, United Kingdom*

**004** 15:30 – 15:45  
*Adriana Handra-Luca, France*

**005** 15:45 – 16:00  
*Spomenka Manojlovic, Croatia*

**006** 16:00 – 16:15  
*Józef Kobos, Poland*

**007** 16:15 – 16:30  
*Roderick Simpson, Canada*

**008** 16:30 – 16:45  
*Alessandro Franchi, Italy*

---

**SC-09 Short Course**

14:45 – 16:45  
North Conference Room

**Cytology**

**New guidelines for the prevention and early detection of cervical cancer**

*Chairs: Beatrix Cochand-Priollet, France  
Henrik Griesser, Germany*

**001** 14:45 – 15:05  
Introduction  
*Magnus von Knebel Doeberitz, Germany*

**002** 15:05 – 15:25  
New American guidelines  
*Diane Davey, USA*

**003** 15:25 – 15:45  
HPV primary screening in UK  
*Minaxi Desai, United Kingdom*

**004** 15:45 – 16:05  
p16/Ki-67 dual-staining: An alternative or an adjunct to HPV testing?  
*Dietmar Schmidt, Germany*

**005** 16:05 – 16:25  
What about DNA methylations in the pathogenesis of cervical cancer?  
*Elena-Sophie Prigge, Germany*

**006** 16:25 – 16:45  
HPV vaccination: The Australian experience  
*Marion Saville, Australia*

---

**SC-10 Short Course**

14:45 – 16:45  
Conference Room 1-2

**Paediatric and Placental Pathology**

**Soft tissue tumours in the young**

*Chairs: Marta Cohen, United Kingdom  
Ivo Leuschner, Germany*

**001** 14:45 – 15:05  
Smooth and skeletal muscle tumours  
*Ivo Leuschner, Germany*

**002** 15:05 – 15:25  
Soft tissue tumours in genetic syndromes  
*Chung Wo Chow, Australia*

**003** 15:25 – 15:45  
Vascular tumours  
*Isabel Colmenero, Spain*

**004** 15:45 – 16:05  
Fibroblastic and myofibroblastic tumours  
*Rita Alaggio, Italy*

**005** 16:05 – 16:25  
Neurogenic tumours  
*Bruce Pawel, USA*

**006** 16:25 – 16:45  
Ewing Sarcoma  
*Cristina Antonescu, USA*

---

**OFP-04 Oral Free Paper Session**

14:45 – 16:45  
Conference Room 5

**Joint Session: Neuropathology / Nephropathology / Ophthalmic Pathology**

*Chairs: Jan Ulrich Becker, Germany  
Ho-Keung Ng, Hong Kong  
Hind Alkatan, Saudi Arabia*

**001** 14:45 – 14:55  
BAP1 mutations are associated with metastasis in polyploid uveal melanoma  
*Robert M. Verdijk, The Netherlands  
S. Yavuziyigitoglu, H. W. Mensink,  
J. Vaarwater, N. C. Naus, H. T. Brüggenwirth,  
D. Paridaens, A. de Klein, E. Kiliç*

**002** 14:55 – 15:05  
SF3B1 and EIF1AX mutations in uveal melanoma  
*Robert M. Verdijk, The Netherlands  
S. Yavuziyigitoglu, A. Koopmans, K. Smit,  
J. Vaarwater, D. Paridaens, E. Kiliç,  
A. de Klein*
003 15:05 – 15:15
A correlation of ultrastructural microvascular features with endothelial cell transcripts in renal transplant biopsies
Linda Moran, United Kingdom

004 15:15 – 15:25
Bile cast nephropathy in cirrhotic patients: Effects of chronic hyperbilirubinemia
Marjan Afrouzian, USA
M. Foshat, H. Ruff, J. Aronson, R. Beach, J. U. Becker

005 15:25 – 15:35
Pattern of IgA and C3 staining in 76 biopsies with staphylococcus infection associated glomerulonephritis
Anjali Satoskar, USA
S. Suleiman, J. Hemminger, S. Brodsky, C. Bott, E. Calomeni, G. Nadasdy, T. Nadasdy

006 15:35 – 15:45
Targeting of the MAPK and AKT pathways in conjunctival melanoma shows potential synergy
Robert M. Verdijk, The Netherlands

007 15:45 – 15:55
Is chronic curcumin supplementation neuroprotective against ischemia for antioxidant activity, neurologic deficit score, or neuronal apoptosis in an experimental stroke model?
Serdar Altinay, Turkey
M. Cabalar, C. Isler, F. Yildirim, D. S. Celik, O. Zengi, A. Tas, A. Gulcubuk

008 15:55 – 16:05
Analysis of the status of O6-methylguanine-DNA methyltransferase (MGMT) gene promoter methylation in different topographical samples, as well as during progression ad recurrence of glioblastoma
Valeria Barresi, Italy
M. Caffo, A. Simone, R. Scarfi, G. Tuccari, G. Giuffré

009 16:05 – 16:15
Adenomas of the pituitary gland: Size matters – experience of a neuropathology referral center
Filipa Moreno, Portugal
E. Campos Costa, R. Taipa, A. Paula, M. Melo-Pires

011 16:15 – 16:25
CNS germinomas are characterized by global demethylation, chromosomal instability and mutational activation of the Kit-, Ras/Raf/Erk- and Akt-pathways
Torsten Pietsch, Germany
L. Schulte, A. Waha, D. Denkhaus, E. Doernier, I. Leuschner

012 16:25 – 16:35
Gradual brain involvement in fetal TSC
Antoinette Gelot, France
A. Represa

BPS-05 Best Poster Session
16:45 – 17:15 Hall 11.3
Cytopathology
Chair: Jaroslava Dušková, Czech Republic

BPS-06 Best Poster Session
16:45 – 17:15 Hall 11.3
Gynaecological Pathology
Chair: Glenn McCluggage, United Kingdom

BPS-07 Best Poster Session
16:45 – 17:15 Hall 11.3
Head and Neck Pathology
Chair: Tim Helliwell, United Kingdom

BPS-08 Best Poster Session
16:45 – 17:15 Hall 11.3
Pulmonary Pathology
Chair: Teh-Ying Chou, Taiwan
Tuesday, 27 Sept

BPS-09  Best Poster Session  
16:45 – 17:15  Hall 11.3  E-Poster Terminal 5  
Haematopathology/Thymic and Mediastinal Pathology/Other Topics  
Chair:  John Chan, Hong Kong

SPEC-03  Special Session  
17:15 – 19:15  Plenary Hall 11.3  ESP/ESMO  
Diagnostic and therapeutic advances in neuroendocrine tumours  
Chairs:  Aurel Perren, Switzerland  Philippe Ruszniewski, France

001  17:15 – 17:39  
Hormonally active and non-active neuroendocrine tumours of the gastrointestinal tract  
Aurel Perren, Switzerland

002  17:39 – 18:03  
Everolimus, antiangiogenic agents and other targeted therapies in pancreatic NET  
Gianfranco Delle Fave, Italy

003  18:03 – 18:27  
Therapeutic advances in mid-gut NETs using somatostatin analogues  
Philippe Ruszniewski, France

004  18:27 – 18:51  
Update on the histopathological diagnosis of hypophyseal adenomas  
George Kontogeorgos, Greece

005  18:51 – 19:15  
Somatostatin analogues and other medical treatments for hormonally active hypophyseal adenomas  
Marily Theodoropoulou, Germany

SC-11  Short Course  
17:15 – 19:15  Offenbachsaal  
Haematopathology  
Lymphoproliferative disorders in the bone marrow  
Chairs:  Annette Schmitt-Gräff, Germany  Kristin Henry, United Kingdom

001  17:15 – 17:45  
Reactive lymphoproliferations in BM  
Eric Hsi, USA

002  17:45 – 18:15  
Small B-cell lymphomas in BM  
Leticia Quintanilla-Fend, Germany

003  18:15 – 18:45  
T-cell proliferations in the BM  
Annette Schmitt-Gräff, Germany

004  18:45 – 19:15  
Molecular testing in lymphoproliferations  
Falko Fend, Germany

SC-12  Short Course  
17:15 – 19:15  Europasaal  
Digestive Diseases Pathology  
Risk assessment and prognostication of cancer in GI pathology  
Chairs:  Jean-Francois Fléjou, France  Iris Nagtegaal, The Netherlands

001  17:15 – 17:40  
Prognostication of GI cancer by AJCC/UICC staging  
Philip Quirke, United Kingdom

002  17:40 – 18:05  
Risk assessment of regional lymph node metastasis in early GI cancer  
Ian Brown, Australia

003  18:05 – 18:30  
Histological predictors of outcome  
Alessandro Lugli, Switzerland

004  18:30 – 18:55  
The role of molecular pathology for the distinction of low and high grade malignancy  
Thomas Kirchner, Germany

005  18:55 – 19:15  
WG Digestive Diseases Business Affairs  
Jean-Francois Fléjou, France  Christine Sempoux, Switzerland
**Symposium**

**17:15 – 19:15**

**Congress-Saal 2**

**Thymic and Mediastinal Pathology**

**Molecular and diagnostic advances in thymic tumours**

*Chairs: Juan Rosai, Italy  
Kiyoshi Mukai, Japan*

---

**001 17:15 – 17:35**

Update of the WHO classification of thymic epithelial tumours

*Alexander Marx, Germany*

---

**002 17:35 – 17:55**

Update on thymoma genetics based on TCGA data

*Milan Radovich, USA*

---

**003 17:55 – 18:15**

Update on mediastinal lymphomas

*Laurence de Leval, Switzerland*

---

**004 18:15 – 18:35**

Cytological-histological correlation in mediastinal tumours (2 cases and DD)

*Andre Moreira, USA*

---

**005 18:35 – 18:55**

Unusual tumours and tumour-like mediastinal lesions (2 cases and DD)

*John Chan, Hong Kong*

---

**006 18:55 – 19:15**

Pitfalls in mediastinal pathology (2 cases and DD)

*Philipp Ströbel, Germany*

---

**Oral Free Paper Session**

**17:15 – 19:15**

**Congress-Saal 1**

**Uropathology**

*Chairs: Toyonori Tsuzuki, Japan  
Geert van Leenders, The Netherlands*

---

**001 17:15 – 17:25**

Disease-specific survival of patients with invasive cribriform and intraductal prostate cancer at diagnostic biopsy

*Charlotte Kweldam, The Netherlands  
I. Kümmerlin, D. Nieboer, E. Verhoef,  
E. Steyerberg, T. van der Kwast, M. Roobol,  
G. van Leenders*

---

**002 17:25 – 17:35**

Gleason Grade 4 prostate adenocarcinoma patterns: An inter-observer agreement study among genitourinary pathologists

*Charlotte Kweldam, The Netherlands  
D. Nieboer, T. van der Kwast, G. van Leenders, Gleason Grade 4 Subtype Collaborative Group*

---

**003 17:35 – 17:45**

Histopathological analyses of renal tumours in Birt-Hogg-Dube syndrome

*Mitsuko Furuya, Japan  
I. Kato, Y. Iribe, N. Kuroda, Y. Nagashima,  
H. Hasumi, M. Yao, Y. Nakatani*

---

**004 17:45 – 17:55**

Metabolomics analysis reveals distinct profiles of non-muscle invasive and muscle-invasive bladder cancer

*Donna Hansel, USA  
D. Sahu, Y. Lotan, B. Wittman, B. Neri*

---

**005 17:55 – 18:05**

Relation of percentage Gleason grade 4 and cribriform/intraductal growth in Gleason score 3+4=7 prostate cancer biopsies

*Geert van Leenders, The Netherlands  
C. Kweldam, I. Kümmerlin, D. Nieboer,  
C. Bangma, T. van der Kwast, E. Steyerberg,  
M. Roobol*

---

**006 18:05 – 18:15**

Assigning Composite Grade Groups (CGG) in prostate adenocarcinoma: Concordance between needle biopsy and prostatectomy, and factors associated with upgrade and downgrade

*Daniel Athanazio, Brazil  
M. Shea-Budgell, L. Ross, K. Trpkov*

---

**007 18:15 – 18:25**

Warthin-like papillary renal cell carcinoma with prominent lymphocytic infiltrate: Morphological and immunohistochemical study

*Faruk Skenderi, Bosnia and Herzegovina  
M. Ulamec, S. Vranic, M. Michal, O. Hes*
Clinicopathologic findings of patients without biochemical recurrence more than 8 years following radical prostatectomy: How many patients might have been suitable for active surveillance instead of definitive treatment?

**Ruana Rocha**, Brazil

DeltaNp63 is critical for progression of high grade non-muscle invasive bladder cancer through deregulation of specific genetic pathways

**Mireia Castillo-Martin**, Portugal
N. Gladoun, A. Collazo-Lorduy, C. Cordon-Cardo

Tertiary grade assessed on radical prostatectomies: Effect on prognosis using the 2016 ISUP grade group system

**Allen Burke**, USA
J. Cullen, W. Gesztes, H.-C. Kuo, S. Elsamanoudi, Y. Chen, S. Srivastava, I. Rosner, I. Sesterhenn

Prognostic impact of p63 and Beta-catenin coexpression in urothelial bladder cancer

**Slavica Stojnev**, Serbia
M. Krstic, M. Mladenovic, J. Todorovic, A. Ristic-Petrovic, I. Conic, S. Stojanovic, L. Jankovic Velickovic

Predictive impact of angiogenesis and hypoxia related markers in urothelial bladder cancer

**Ana Ristic-Petrovic**, Serbia
S. Stojnev, D. Stokanovic, I. Conic, M. Krstic, S. Stojanovic, N. Zivkovic, T. Dencic, V. Zivkovic, L. Jankovic Velickovic

Update in molecular pathology of differentiated thyroid carcinoma

**Ryohei Katoh**, Japan

Update in molecular pathology of paraganglioma

**Alfred Lam**, Australia

Update in molecular pathology of pancreatic and intestinal neuroendocrine neoplasms

**Marco Volante**, Italy

Update in molecular pathology of pulmonary neuroendocrine tumours

**Ola Nilsson**, Sweden
**Giovanni Tallini**, Italy

Endocrine Pathology

**Molecular endocrine pathology going into practice**

**Cytopathology**

**Consensus terminologies in cytopathology**

**Paris reporting system for urinary cytology**

**Eva Wojcik**, USA

**Cytological approach for the 2015 WHO classification of lung tumours**

**Spasenija Savic**, Switzerland

**Cytology and WHO classification of breast cancers**

**Gary Tse**, Hong Kong

**News about revised Bethesda System for reporting thyroid cytopathology**

**Edmund Cibas**, USA
005 18:51 – 19:15
New proposal for terminology in salivary gland cytology
Esther Rossi, Italy

OFP-06  Oral Free Paper Session
17:15 – 19:15  Conference Room 1-2
Paediatric and Placental Pathology
Chairs: Paul Dickman, USA
Gordan Vujanic, United Kingdom

001 17:15 – 17:25
Expression of miR-146a & miR-155 in placenta tissue in cases of early- and late-onset pre-eclampsia
Natalia Nizyeva, Russia
G. Kulikova, M. Nagovitsyna, N. Kan, V. Tyutyunnik, K. Prozorovskaya,
A. Schychogolev, G. Sukhikh

002 17:25 – 17:35
Are there differences in expression of corticotropin releasing hormone in placentas from pregnant women with hypertensive syndrome?
Maria Luiza Gonçalves dos Reis Monteiro, Brazil
F. Rodrigues Helmo, F. Lopes de Castro,
R. Margarida Etchebehere, M. Antónia dos Reis, J. Reis Machado, R. Rosa Miranda Corrêa

003 17:35 – 17:45
TGF-beta 1 and TGF-beta 3 evaluation in kidney during experimental renal failure progression in a fetal reprogramming model
Maria Luiza Gonçalves dos Reis Monteiro, Brazil

004 17:45 – 17:55
When is a post-mortem skeletal survey of the fetus indicated, and when not?
Willemijn Klein, The Netherlands
K. Kamphuis-van Ulzen, D. Bosboom, M. van Doorn

005 17:55 – 18:05
Morphology and next-gen sequencing of six cases of lethal malignancies in giant congenital melanocytic nevi/neurocutaneous melanocytosis
Claudia Salgado, USA
D. Basu, N. Marina, Y. Khakoo, C.-Y. Ho, B. Bauer, M. Reyes Mugica

006 18:05 – 18:15
MiR-100, Mir-195 and MiR-770 are associated with astrocytomias, ependymomas and medulloblastoma in childhood central nervous system malignancies
Mario Perezpeña Diazconti, Mexico
P. Eguia Aguilar, L. Gutiérrez Castillo, A. Chavez Hernandez, M. Perezpeña Diazconti, J. Garcia Chequer, J. Garcia Quintana, C. Retana Contreras, F. Chico Ponce de Leon, P. Valencia Mayoral, F. Arenas Huetero

007 18:15 – 18:25
Comparison of ultrastructural features between pediatric Mammary Analogue Secretary Carcinoma (MASC) of the salivary glands and pediatric Secretary Breast Carcinoma (SBC) reveals similar pathological features
Martin Hyrcza, Canada
B. Ngan

008 18:25 – 18:35
Fetal postmortem MRI: How can it help the pathologist?
Willemijn Klein, The Netherlands
K. Kamphuis-van Ulzen, D. Bosboom, M. van Doorn

009 18:35 – 18:45
Distinctive histopathological findings in liver biopsies from 10 children with lysosomal acid lipase deficiency
Mario Perezpeña Diazconti, Mexico
C. Serrano Bello, M. Herrera Segura, A. Consuelo Sanchez, M. Perezpeña Diazconti, P. Valencia Mayoral

010 18:45 – 18:55
Expression of miR-221, miR-29b and miR-29c in alveolar rhabdomyosarcoma with pax3/foxo1 and pax7/foxo1 translocations
Pilar Eguia Aguilar, Mexico
M. Perez Peña Diaz Conti, C. Retana Contreras, J. Garcia Quintana, F. Arenas Huetero, P. Valencia Mayoral

011 18:55 – 19:05
Composite Neuroblastoma: Unique tumours with morphologically and genetically defined intratumoral heterogeneity
Herve Sartelet, France
A. Valen, H. Shimada and INPC Committee, M. Peuchmaur
OFP-07 Oral Free Paper Session

17:15 – 19:15 Conference Room 5
Gynaecological Pathology
Chairs: Sigurd Lax, Austria
Esther Oliva, USA

001 17:15 – 17:25
Exploring chromosomal abnormalities and genetic changes in uterine smooth muscle tumours
Bernadette Liegl-Atzwanger, Austria
E. Heitzer, K. Flicker, S. Müller, P. Ulz, O. Saglam, F. Tavassoli, M. Devouassoux-Shisheboran, J. Geigl, F. Moinfar

002 17:25 – 17:35
Identifying novel targetable chromosomal alterations using germline copy number variation association analysis of ovarian carcinoma
Hanan Abdelmoneim, Saudi Arabia

003 17:35 – 17:45
Insight in intratumour genetic heterogeneity in endometrial cancer
Manouk van Esterik, The Netherlands
I. van Gool, R. Nout, C. Creutzberg, V. Smit, T. Bosse, E. Stelloo

004 17:45 – 17:55
Comprehensive analysis of microsatellite instability and mismatch repair protein expression in nearly 700 endometrial cancers
Ellen Stelloo, The Netherlands
A. Jansen, E. Osse, R. Nout, D. Ruano, T. van Wezel, C. Creutzberg, V. Smit, H. Morreau, T. Bosse

005 17:55 – 18:05
Diagnostic challenges of metastatic malignancies to the ovary: Emphasis on variability of clinical and pathological features
João Lobo, Portugal
B. Machado, R. Vieira, C. Bartosch

007 18:15 – 18:25
Cytomorphological patterns of cervical smears of Sudanese infertile women: A case control study
Nazik Elmalaika Husain, Sudan
E. Alsidig

008 18:25 – 18:35
Identification of POLE exonuclease domain mutations in precursor lesions in endometrial cancer
Inge van Gool, The Netherlands
A. Ko, E. Osse, D. Church, V. Smit, C. Creutzberg, T. Bosse

009 18:35 – 18:45
Molecular classification of grade 3 endometrioid endometrial carcinomas: A retrospective study
Esther Guerra, Spain

010 18:45 – 18:55
URI1, BRCA1 / BRCA2 and CCNE1 as potential drivers of a poor: Prognosis subset of High-grade Serous Ovarian Cancer (HGSOC)
Diar Aziz, Australia

011 18:55 – 19:05
Inflammatory cell infiltrates in vulvar low/high grade intraepithelial neoplasia and invasive squamous cell carcinoma: Differences, prognostic value and relationship to HPV
Leonardo Lordello de Melo, Brazil

012 19:05 – 19:15
Uterine serous carcinomas frequently metastasize to the fallopian tube and can mimic serous tubal intraepithelial carcinoma
Friedrich Kommoss, Canada
N. Wilkinson, N. Singh, G. McCluggage, A. Faruqi, S. Lamshang Leen, B. Gilks
**Wednesday, 28 September 2016**

**SY-14**  
**08:30 – 12:00**  
Plenary Hall 11.3  
Digestive Diseases Pathology  
**New aspects for the pathogenesis of gastrointestinal disease**  
*Chairs: Thomas Kirchner, Germany  
Han van Krieken, The Netherlands*

001 08:30 – 09:10  
The human microbiome and inflammatory disease  
*Alexander Moschen, Austria*

002 09:10 – 09:30  
Monogenic gene variants in very early onset inflammatory bowel disease (VEO-IBD)  
*Christoph Walz, Germany*

003 10:30 – 11:00  
Cancer susceptibility genes: Where do we stand?  
*Kevin Monahan, United Kingdom*

004 11:00 – 11:30  
Genes associated with invasion and metastasis  
*David Horst, Germany*

005 11:30 – 12:00  
Adaptive immune escape mechanisms in the pathogenesis of GI cancer  
*Han van Krieken, The Netherlands*

**LC-08**  
**08:30 – 12:00**  
Offenbachsaal  
**Uropathology**  
**Advances in pathology of prostate cancer and renal cell carcinoma**  
*Chairs: Ferran Algaba, Spain  
Stewart Fleming, United Kingdom*

001 08:30 – 09:00  
Intraductal carcinoma: Diagnostic features and reporting  
*Glen Kristiansen, Germany*

002 09:00 – 09:30  
Controversies in prostate cancer grading  
*Ferran Algaba, Spain*

003 10:30 – 11:00  
Clear cell RCC: Diagnostic and prognostic features  
*Guido Martignoni, Italy*

004 11:00 – 11:30  
Papillary RCC: Diagnostic and prognostic features  
*Adeboye Osunkoya, USA*

005 11:30 – 12:00  
Collecting duct carcinoma: Diagnostic and prognostic features  
*Stewart Fleming, United Kingdom*

**SY-15**  
**08:30 – 12:00**  
Europasaal  
**Paediatric and Placental Pathology**  
**Recent developments in paediatric pathology (+ Business Meeting)**  
*Chairs: Irene Scheimberg, United Kingdom  
Miguel Reyes Mugica, USA*

001 08:30 – 08:50  
A classification and molecular appraisal in blue round cell tumours  
*John Hicks, USA*

002 08:50 – 09:10  
Novel aspects in interstitial lung disease  
*Megan Dishop, USA*

003 09:10 – 09:30  
Eosinophils in the GIT: Part I  
*Margaret Collins, USA*

004 10:30 – 11:00  
Pathology of disorders of sex development: State of the art  
*Miguel Reyes Mugica, USA*

005 11:00 – 11:30  
Eosinophils in the GIT: Part II  
*Margaret Collins, USA*

006 11:30 – 12:00  
Business meeting  
*Paula Borracho Nunes, Portugal  
Isabel Colmenero, Spain*
**Wednesday, 28 Sept**

### LC-09 Long Course

**08:30 – 12:00**  
**Congress-Saal 2**  
Dermatopathology

**Non-melanocytic cutaneous tumours**  
*Chairs: Ilske Oschlies, Germany  
Thomas Brenn, United Kingdom*

001  
08:30 – 09:00  
Malignant mesenchymal neoplasms of the dermis and subcutis mimicking benign lesions  
*Thomas Mentzel, Germany*

002  
09:00 – 09:30  
Cutaneous mesenchymal tumours  
*Andrew Folpe, USA*

003  
10:30 – 10:53  
Sweat duct carcinomas  
*Thomas Brenn, United Kingdom*

004  
10:53 – 11:15  
Sebaceous tumours  
*Katharina Flux, Germany*

005  
11:15 – 11:38  
Cutaneous lymphoma  
*John Goodlad, United Kingdom*

006  
11:38 – 12:00  
Cutaneous lymphoma  
*Ilske Oschlies, Germany*

### VI-02 Videomicroscopy

**08:30 – 12:00**  
**Congress-Saal 1**  
Soft Tissue and Bone Pathology  

*Soft tissue tumours*  
*Chairs: Fátima Carneiro, Portugal  
Pancras Hogendoorn, The Netherlands*

001  
08:30 – 12:00  
*Christopher Fletcher, USA*

### SY-16 Symposium

**08:30 – 12:00**  
**Congress-Saal 3**  
Haematopathology  

*The upcoming revision of the WHO classification of haematopoietic neoplasias*  
*Chairs: Elias Campo, Spain  
Hans-Michael Kvasnicka, Germany*

001  
08:30 – 09:00  
Small B-cell lymphomas  
*Elias Campo, Spain*

002  
09:00 – 09:30  
Aggressive B-cell lymphoma, not longer a wastebasket  
*German Ott, Germany*

003  
10:30 – 11:00  
T-cell lymphomas: Refinement through understanding  
*Philippe Gaulard, France*

004  
11:00 – 11:30  
Myeloproliferative disorders  
*Hans-Michael Kvasnicka, Germany*

005  
11:30 – 12:00  
Myelodysplastic syndromes revisited  
*Robert Hasserjian, USA*

### LC-10 Long Course

**08:30 – 12:00**  
**North Conference Room**  
Neuropathology

*The new WHO classification of tumours of the central nervous system 2016*  
*Chairs: Ho-Keung Ng, Hong Kong  
Guido Reifenberger, Germany*

001  
08:30 – 09:00  
New approaches to the molecular classification of brain tumours  
*Andreas von Deimling, Germany*

002  
09:00 – 09:30  
Gliomas  
*Pieter Wesseling, The Netherlands*

003  
10:30 – 11:00  
Paediatric brain tumours  
*Roger McLendon, USA*

004  
11:00 – 11:30  
Non-glial tumours including meningiomas, hemangiopericytoma/SFT, germ cell tumours  
*Takanori Hirose, Japan*

005  
11:30 – 12:00  
Primary central nervous system lymphomas  
*Werner Paulus, Germany*
001 08:30 – 08:40
Continuous quantification of HER2 expression by microfluidic precision immunofluorescence estimates HER2 gene amplification in breast cancer
Diego Dupouy, Switzerland

002 08:40 – 08:50
Prognostic significance of CD9 expression in tumour cells and stromal lymphocytes of invasive breast carcinoma
Young-Kyung Bae, Republic of Korea
H.-J. Kwon, S.-Y. Kwon

003 08:50 – 09:00
Comparison of risk classification between EndoPredict and Mammaprint scores in ER+/HER2- invasive breast cancer
Alberto Peláez García, Spain
L. Yebenes, A. Angulo, A. Berjón, P. Zamora, J. I. Sanchez Mendez, E. Espinosa, A. Redondo, M. Mendiola, D. Hardisson

004 09:00 – 09:10
PD-L1 expression in breast carcinoma
Eleni Papaioannou, Greece
E. Kourea, E. Beslika, V. Tzelepi, M. Sakellakis, D. Kyriakopoulos, M. Melachrinou

005 09:10 – 09:20
Evidence for the association of Epstein – Barr virus in breast cancer in Indian patients using in-situ hybridization technique
Sangeeta Desai, India
T. Pai, M. Gurav, S. Tambe, P. Valecha, S. Gupta

006 09:20 – 09:30
Age-related gene expression patterns and subtype profile in breast cancer
Amalie Abrahamsen Svanæ, Norway
G. Knutsvik, I. Stefansson, K. Krüger, M. Mannelqvist, S. Aziz, B. Davidsen, T. Aas, L. Akslen, E. Wik

007 10:30 – 10:40
HER-France – A real-world national database for HER2 results by IHC-ISH in breast cancer. Impact of 2013 ASCO/CAP guidelines
Marie-Pierre Chenard, France

008 10:40 – 10:50
Morphological characteristics of breast cancer in association with the levels of DNA methyltransferases and histone deacetylase
Ketevani Kankava, Georgian
E. Kvaratskhelia, M. Gudadze, T. Kvaratskhelia, G. Burkadze, E. Abzianidze

009 10:50 – 11:00
Quantification of immune cells in triple negative and non-triple negative of breast cancer
Bushra Sikandar, Pakistan

010 11:00 – 11:10
Estrogen receptor negative breast cancers show quasi-mesenchymal phenotype
Elena Brachtel, USA
K. Mahadevan, V. Deshpande

011 11:10 – 11:20
Microvascular proliferation is significantly associated with the HER2 positive, triple negative, and basal-like phenotypes in breast carcinoma
Sura Aziz, Norway
E. Wik, G. Knutsvik, L. Akslen

012 11:20 – 11:30
Optimal Ki67 cut-off for ER+/HER2 – breast cancer prognostic evaluation: A large case series study with a long-term follow-up
Davide Balmativola, Italy
S. Bustreo, S. Osella, P. Cassoni, M. Donadio, M. Airoldi, F. Pedani, M. Papotti, A. Sapino, I. Castellano

013 11:30 – 11:40
One-day diagnosis on core biopsies of suspected breast lesions: Comparison with routinely processed surgical samples
Tiziana Perin, Italy
L. Memeo, C. Colorossi, L. Alessandrini, V. Canzonieri
015  11:40 – 11:50
Determining the expression profiles of stem cell markers (CD44, CD24, and ALDH1) in breast carcinoma subtypes and investigating their relationship with prognostic factors

Guldal Esendagli-Yilmaz, Turkey
E. Karakok, M. Ilhan

002  08:40 – 08:50
A comparison of ultrastructural glomerular features in biopsies from patients with de novo donor specific antibodies with surveillance biopsies

Linda Moran, United Kingdom

003  08:50 – 09:00
The role of the technicians in the digital pathology implementation: Searching optimization

Eduardo Alcaraz Mateos, Spain
I. Tortosa Martinez, C. Alcolea Guardiola, S. Estévez Ligero, A. Abellan Palazon, A. Kundsiova, A. Nieto Olivares, A. Chaves Benito

001  08:30 – 09:00
The most useful knowledge and skills in the beginning of (my) career

Chairs: Aleksandra Starzyńska, Poland
Rui Caetano Oliveira, Portugal

002  09:00 – 09:30
The impact of daily surgical pathology huddles on quality, safety culture and team engagement

Omar Hameed, USA
Anatomic Pathology Team

003  09:30 – 10:00
Concerns about falling autopsy rates have given rise to new autopsy legislation in Norway

G. Cecilie Alfsen, Norway
P. K. Lileng, S. Eriksson Steigen, C. Lycke Ellingsen

004  09:00 – 09:10
Billroth’s specimen of the first gastrectomy: A modern histological and molecular analysis

Roland Sedivy, Switzerland
E. Winter, N. Bandi, C. Druml

005  09:10 – 09:20
How accurate is the postmortem CT scan?

Willemijn Klein, The Netherlands
L. Sonnemans, M. Prokop

006  09:20 – 09:30
Moulages: Art in the history of medicine

Ana Lia Nocito, Argentina
M. Bravo Luna, L. Corbo, L. Mora

007  10:30 – 10:40
How accurate is the postmortem CT scan?

Willemijn Klein, The Netherlands
L. Sonnemans, M. Prokop

008  10:40 – 10:50
Moulages: Art in the history of medicine

Ana Lia Nocito, Argentina
M. Bravo Luna, L. Corbo, L. Mora

009  10:50 – 11:00
Fetal akinesia deformation sequence

Teresa Carminho, Portugal
P. Serra, F. Ramos, E. Galhano, R. Pina
010 11:00 – 11:10
Primary ciliary dyskinesia: An update with molecular correlation
**Kyriacos Kyriacou**, Cyprus
P. Kouis, M. Nearchou, P. Pirpa, A. Hadjisavvas, S. Papatheodorou, P. Yiallouros

011 11:10 – 11:20
The inclusion of pathologists in monitoring inpatient deaths significantly improves the notification procedures in cases of unnatural deaths due to medical malpractice or errors
**G. Cecilie Alfsen**, Norway
H. M. Eng, G. Flaa Marum, S. Rudsro, H. Jordal, P. Wiik

012 11:20 – 11:30
Grading of oligodendroglioma based on Ki-67 labeling index assessment performed manually and automatically in hot-spot fields
**Bartlomiej Grala**, Poland
Z. Swiderska-Chadaj, T. Markiewicz, M. Lorent

013 11:30 – 11:40
Colo-rectal adenocarcinoma: 100 years after
**Rosa Henrques de Gouveia**, Portugal

014 11:40 – 11:50
A robust algorithm for nucleus detection on whole slide images
**Tamas Micsik**, Hungary
R. Paulik, G. Kiszler, P. Kaszól, J. Szekely, N. Paulik, T. Krenacs, B. Molnar

015 11:50 – 12:00
Prepared to scale: Experiences with building a department-wide digital pathology infrastructure
**Yves Sucaet**, Belgium
S. Smeets, W. Waelput, P. In’t Veld

### GA-01 Special Session

<table>
<thead>
<tr>
<th>Time</th>
<th>Place</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 – 14:00</td>
<td>Plenary Hall 11.3</td>
<td>IAP General Assembly</td>
</tr>
</tbody>
</table>

### SS-11 Slide Seminar

<table>
<thead>
<tr>
<th>Time</th>
<th>Place</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 14:45 – 16:45 | Plenary Hall 11.3      | Digestive Diseases Pathology Tumour-like lesions: Pitfalls and mistakes (or almost!) in the GI tract
Chairs: **Priyanthi Kumarasinghe**, Australia **Neil Shepherd**, United Kingdom

001 14:45 – 15:05
**Abbas Agaimy**, Germany

002 15:05 – 15:25
**Tetsuo Ushiku**, Japan

003 15:25 – 15:45
**Michael Vieth**, Germany

004 15:45 – 16:05
**Paul Kelly**, United Kingdom

005 16:05 – 16:25
**Priyanthi Kumarasinghe**, Australia

006 16:25 – 16:45
**Neil Shepherd**, United Kingdom

### SC-14 Short Course

<table>
<thead>
<tr>
<th>Time</th>
<th>Place</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 14:45 – 16:45 | Offenbachsaal          | Uropathology Current concepts in pathology of the urinary tract (+ Business Meeting)
Chairs: **Rodolfo Montironi**, Italy **Donna Hansel**, USA

001 14:45 – 15:07
**Update on molecular pathology of bladder cancer**
**George Netto**, USA

002 15:07 – 15:29
**Pathology and molecular pathology of UUT carcinoma**
**Arndt Hartmann**, Germany

003 15:29 – 15:51
**Morphologic mimickers of urothelial carcinoma**
**Toyonori Tsuzuki**, Japan

004 15:51 – 16:13
**Pathology of the urachus**
**Gladell Paner**, USA

### KL-03 Keynote Lecture

<table>
<thead>
<tr>
<th>Time</th>
<th>Place</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 12:15 – 13:00 | Plenary Hall 11.3      | The dualistic model of ovarian cancer. Implications for early detection, prevention and treatment (ESP Symeonidis Lecture)
Chair: **Sigurd Lax**, Austria
**Robert J. Kurman**, USA

---

**Wednesday, 28 Sept**

---
005 16:13 – 16:35
Pathology of the urethra
*Maria Rosaria Raspollini, Italy*

006 16:35 – 16:45
Business meeting European Working Group Uropathology
*Antonio Lopez-Beltran, Spain*

**SC-15 Short Course**
14:45 – 16:45
Europasaal
Paediatric and Placental Pathology
Medico-legal aspects of perinatal deaths
*Chairs: Kathrin Ludwig, Italy Linda Ernst, USA*

001 14:45 – 15:09
The placenta as witness in stillbirth
*Linda Ernst, USA*

002 15:09 – 15:33
Intra-partum asphyxia
*Tamas Marton, United Kingdom*

003 15:33 – 15:57
Intra-partum trauma
*Sam Holden, United Kingdom*

004 15:57 – 16:21
Early neonatal death
*Jane Dahlstrom, Australia*

005 16:21 – 16:45
Perinatal infections
*Irene Scheimberg, United Kingdom*

**SS-12 Slide Seminar**
14:45 – 16:45
Congress-Saal 2
Dermatopathology
Inflammatory dermatoses
*Chairs: Wayne Grayson, South Africa Eduardo Calonje, United Kingdom*

001/002 14:45 – 15:09
*Sylvie Fraitag, France*

003/004 15:09 – 15:33
*Gilles Diercks, The Netherlands*

005/006 15:33 – 15:57
*Wayne Grayson, South Africa*

007/008 15:57 – 16:21
*Dieter Metze, Germany*

009/010 16:21 – 16:45
*Eduardo Calonje, United Kingdom*

**SPEC-05 Special Session**
14:45 – 16:45
Congress-Saal 1
ESP/IAP
Challenging cases in surgical pathology
*Chairs: Dietmar Schmidt, Germany Pierre Bedossa, France*

001 14:45 – 15:09
*Manuel Sobrinho Simões, Portugal*

002 15:09 – 15:33
*Jean-Francois Fléjou, France*

003 15:33 – 15:57
*Shahid Pervez, Pakistan*

004 15:57 – 16:21
*Teri Longacre, USA*

005 16:21 – 16:45
*Andrew Folpe, USA*

**SC-16 Short Course**
14:45 – 16:45
Congress-Saal 3
Molecular Pathology
Preanalytical conditions of tissues
*Chairs: Fernando Augusto Soares, Brazil Manfred Dietel, Germany*

001 14:45 – 15:09
Preservation of macromolecules in tissues
*Gianni Bussolati, Italy*

002 15:09 – 15:33
Clinical impacts of heterogeneity
*Manfred Dietel, Germany*

003 15:33 – 15:57
Research biobanking and preanalytical conditions
*Jan-Eric Litton, Austria*

004 15:57 – 16:21
Effects of preanalytical variables on protein measurements in tissues
*Karl-Friedrich Becker, Germany*

005 16:21 – 16:45
The Spidia experience in pre-analytical conditions of tissues
*Kurt Zatloukal, Austria*
Wednesday, 28 Sept

**SY-17 Symposium**

**Pathology of inflammatory and autoimmune diseases of the nervous system**

*Chairs:* Aurelio Ariza, Spain  
Wolfgang Brück, Germany

**001 14:45 – 15:09**  
Viral infections  
*Kum-Thong Wong, Malaysia*

**002 15:09 – 15:33**  
Bacterial, fungal and parasitic infections  
*Herbert Budka, Switzerland*

**003 15:33 – 15:57**  
Transmissible proteinopathies  
*Sebastian Brandner, United Kingdom*

**004 15:57 – 16:21**  
Multiple sclerosis and other autoimmune diseases  
*Wolfgang Brück, Germany*

**005 16:21 – 16:45**  
The expanding spectrum of paraneoplastic autoimmune diseases of the CNS  
*Romana Höftberger, Austria*

**OFP-10 Oral Free Paper Session**

**Joint Session: Soft Tissue and Bone Pathology / Infectious Diseases Pathology**

*Chairs:* J. M. Coindre, France  
Paul Hofman, France

**001 14:45 – 14:55**  
Worse survival in elderly patients with extremity soft-tissue sarcoma  
*Miriam Hoven-Gondrie, The Netherlands*  
E. Bastiaanet, V. Ho, B. van Leeuwen, G.-J. Liefers, H. Hoekstra, A. Suurmeijer

**002 14:55 – 15:05**  
Evident epigenetic regulation of SMARCB1 by miR-206, -381 and -671-5p in SMARCB1 immunonegative soft tissue sarcomas. miR-765 appears to be specific for epithelioid sarcoma  
*Zoltán Sápi, Hungary*  
G. Papp, D. Mihály, Z. Mervai, C. Fletcher

**003 15:05 – 15:15**  
An autopsy-based study of Trypanosoma cruzi persistence in chronic chagasic patients  
*Luiz Alberto Benvenuti, Brazil*  
A. Roggério, M. M. Cavalcanti, A. Nishyia, J. E. Levi

**004 15:15 – 15:25**  
Is SATB2 expression a useful tool for differentiating osteogenic from non-osteogenic bone and soft tissue sarcomas?  
*Antonio Llombart Bosch, Spain*  
I. Machado, S. Navarro, P. Picci

**005 15:25 – 15:35**  
PDL1 expression is significantly associated with shorter patients survival and grading in soft tissue tumours  
*Thomas Knoesel, Germany*  
L. Lindner, R. Issels, T. G. P. Gruenewald, M. F. Orth, T. Kirchner, A. Altendorf-Hofmann, E. Kampmann

**006 15:35 – 15:45**  
Intrasynovial versus extrasynovial autografts for anterior cruciate ligament reconstruction: An experimental study in rabbits  
*Christos Poulos, Greece*  
I. Theodoroudis, A. Boutsiadis, G. Chatziliadis, D. Kapoukranidou, K. Ditsios

**007 15:45 – 15:55**  
Are postmortem studies necessary in lethal cases of influenza?  
*Vsevolod Zinserling, Russia*  
E. Esaulenko

**008 15:55 – 16:05**  
Clinico-pathological parallels in occult viral Hepatitis B  
*Vsevolod Zinserling, Russia*  
E. Esaulenko

**009 16:05 – 16:15**  
Characterisation of Epstein-Barr virus associated gastric carcinomas in Portugal  
*Ana Galaghar, Portugal*  
J. Ribeiro, C. Meireles, A. Silva, A. Oliveira, P. Pimentel-Nunes, L. P. Afonso, H. Sousa

**010 16:15 – 16:25**  
EWS/FLI expression impairs adhesion and promotes motility of Ewing sarcoma cells  
*Konrad Steinestel, Germany*  
SPEC-06  Special Session
14:45 – 16:45  Conference Room 3
Trainee Session
The most useful knowledge and skills in the beginning of (my) career
Chairs: Steffen Ormanns, Germany
Marion Pollheimer, Austria

001  14:45 – 15:15
Pathology residency in Germany – options and possibilities for dual careers in research and diagnostics
Thomas Grünewald, Germany

002  15:15 – 15:45
Molecular subtyping and grading of colorectal cancer
Jens Neumann, Germany

003  15:45 – 16:15
Pancreatic neoplasms – precursors, entities, pitfalls
Irene Esposito, Germany

004  16:15 – 16:45
Neuroendocrine tumours – organs, entities, classification
Günter Klöppel, Germany

SPEC-07  Special Session
14:45 – 16:45  Conference Room 4
Pathology and Public
Chairs: Sanja Milenkovic, Serbia
Andreas C. Lazaris, Greece

001  14:45 – 15:10
Pathology and Public: A lot of good paths to the same goal
Sanja Milenkovic, Serbia

002  15:10 – 15:35
The arts meet pathology in practice – A personal approach
Andreas C. Lazaris, Greece

003  15:35 – 16:00
Public perception of pathology in Croatia
Marina Kos, Croatia

004  16:00 – 16:10
Danish ideas
Tina Di Caterino, Denmark

005  16:10 – 16:25
Danish ideas, continued
Rikke Christensen, Denmark

006  16:25 – 16:45
General discussion and brainstorm

BPS-10  Best Poster Session
16:45 – 17:15  Hall 11.3
E-Poster Terminal 1
Dermatopathology
Chair: Wayne Grayson, South Africa

BPS-11  Best Poster Session
16:45 – 17:15  Hall 11.3
E-Poster Terminal 2
Digestive Diseases Pathology – GI
Chair: Priyanthi Kumarasinghe, Australia

BPS-12  Best Poster Session
16:45 – 17:15  Hall 11.3
E-Poster Terminal 3
Neuropathology
Chair: Guido Reifenberger, Germany
**BPS-13  Best Poster Session**  
16:45 – 17:15  
Hall 11.3  
E-Poster Terminal 4  
Paediatric and Placental Pathology  
Chair:  Caren Jayasinghe, Germany

**SC-17  Short Course**  
17:15 – 19:15  
Plenary Hall 11.3  
Digestive Diseases Pathology  
Therapy-related GI pathology  
Chairs:  Andrea Tannapfel, Germany  
Ian Brown, Australia

**SS-13  Slide Seminar**  
17:15 – 19:15  
Europasaal  
Paediatric and Placental Pathology  
Placental causes of still births  
Chairs:  Annette Müller, Germany  
Paula Borralho Nunes, Portugal

**SPEC-08  Special Session**  
17:15 – 19:15  
Offenbachsaal  
ESP/ASCP Session  
Precision medicine: Cancer diagnosis and treatment selection/monitoring  
Chairs: Pierre Bedossa, France  
Helmut Popper, Austria

**SC-18  Short Course**  
17:15 – 19:15  
Congress-Saal 2  
Dermatopathology  
Melanocytic tumours  
Chairs:  Erhard Bierhoff, Germany  
Bostjan Luzar, Slovenia

---

001  17:15 – 17:45  
The spectrum of drug-induced lesions in the GI tract  
David Driman, Canada

002  17:45 – 18:15  
Regression grading of GI cancers after neoadjuvant treatment  
Rupert Langer, Switzerland

003  18:15 – 18:45  
Predictive molecular pathology for precision therapy of GI cancers  
Andreas Jung, Germany

004  18:45 – 19:15  
Predictive molecular pathology for mesenchymal tumours  
Anthony Gill, Australia

005  18:27 – 18:51  
Xenograft in the evaluation of response and resistance of targeted therapy  
Lucian Chiriec, USA

006  18:51 – 19:15  
Gene libraries for the evaluation of solid tumours – one for all or specific ones for each organ?  
Christina Lockwood, USA

001  17:15 – 17:30  
Jens Stahlschmidt, United Kingdom

002  17:30 – 17:45  
Luiz Cesar Peres, United Kingdom

003  17:45 – 18:00  
Paula Borralho Nunes, Portugal

004  18:00 – 18:15  
Henning Feist, Germany

005  18:15 – 18:30  
Sri Annavarapu, United Kingdom

006  18:30 – 18:45  
Nicole Graf, Australia

007  18:45 – 19:00  
Alfredo Pinto, Canada

008  19:00 – 19:15  
Peter Nikkels, The Netherlands

001  17:15 – 17:39  
Liquid biopsy, its value and its limitations – experiences from the US  
Christina Lockwood, USA

002  17:39 – 18:03  
Liquid biopsy or circulating tumour cells, what to choose?  
Paul Hofman, France

003  18:03 – 18:27  
Translocation, inversion, amplification – what technology to select?  
Peter Schirmacher, Germany
003 18:15 – 18:45
Atypical melanocytic proliferations in children
*Bostjan Luzar, Slovenia*

004 18:45 – 19:15
Melanocytic lesions at special sites
*Eduardo Calonje, United Kingdom*

**SPEC-09 Special Session**

**17:15 – 19:15 Congress-Saal 1**

German Professional Organization

*The central role of pathology: Who cares?*

*Chairs: Karl-Friedrich Bürrig, Germany*
*Claude Cuvelier, Belgium*

001 17:15 – 17:35
From autopsy to proteomics: Is the broad spectrum of pathology strength or weakness? A European discussion: The broad spectrum of pathology is its strength
*Thomas Kirchner, Germany*

002 17:35 – 17:55
From autopsy to proteomics: Is the broad spectrum of pathology strength or weakness? A European discussion: The broad spectrum of pathology is its weakness
*Frédérique Capron, France*

003 17:55 – 18:15
Integration of molecular pathology and a timely definition: Necessary for the future of pathology?: The European/UEMS perspective
*Claude Cuvelier, Belgium*

004 18:15 – 18:35
Integration of molecular pathology and a timely definition: Necessary for the future of pathology?: The Austrian training programme revisited
*Sigurd Lax, Austria*

005 18:35 – 18:55
Quality assurance in pathology: The German experience: Accreditation (DAkkS)
*Simona Curelea, Germany*

006 18:55 – 19:15
Quality assurance in pathology: The German experience: QuIP robin round trials
*Manfred Dietel, Germany*

**SY-18 Symposium**

**17:15 – 19:15 Congress-Saal 3**

Molecular Pathology

*Tumour heterogeneity: An update*

*Chairs: Giorgio Stanta, Italy*
*Tibor Tot, Sweden*

001 17:15 – 17:39
Heterogeneity: An update
*Giorgio Stanta, Italy*

002 17:39 – 18:03
Gynaecological tumours
*Xavier Matias-Guiu, Spain*

003 18:03 – 18:27
Breast cancer heterogeneity and therapy resistance
*Tibor Tot, Sweden*

004 18:27 – 18:51
The revised CAP/IASLC/AMP lung cancer predictive biomarker guidelines
*Neal Lindeman, USA*

005 18:51 – 19:15
Intra tumour heterogeneity and branched evolution
*Katharina von Loga, United Kingdom*

**SC-19 Short Course**

**17:15 – 19:15 North Conference Room**

Neuropathology

*Muscle and nerve pathology*

*Chairs: Joachim Weis, Germany*
*Martin Lammens, Belgium*

001 17:15 – 17:45
Hereditary myopathies
*Martin Lammens, Belgium*

002 17:45 – 18:15
Inflammatory myopathies
*Werner Stenzel, Germany*

003 18:15 – 18:45
Mitochondrial and metabolic myopathies
*Anders Oldfors, Sweden*

004 18:45 – 19:15
Peripheral nerve pathology
*Joachim Weis, Germany*
**OFP-11 Oral Free Paper Session**

**17:15 – 19:15 Conference Room 1-2**

Joint Session: Endocrine Pathology / Head and Neck Pathology

*Chairs: Nina Zidar, Slovenia
Aurel Perren, Switzerland*

**001 17:15 – 17:25**

Mutation profiling of BRAF, RAS and TERT on thyroid liquid-based fine needle aspirations improves diagnostic accuracy

*Myriam Decaussin-Petrucci, France
F. Descotes, L. Depaepe, V. Lapras, M.-L. Denier, J.-C. Lifante, F. Borson-Chazot, J. Lopez*

**002 17:25 – 17:35**

High risk Human Papillomavirus (HPV) infection is actively involved in the etiopathogenesis of a significant subset of sinonasal carcinomas: A clinicopathological study with detection of E6/E7 mRNA transcripts

*Jan Laco, Czech Republic

**003 17:35 – 17:45**

FGFR1 is a potential prognostic biomarker and therapeutic target in head and neck Squamous Cell Carcinoma (SCC)

*Koos Koole, The Netherlands
D. Brunen, P. van Kempen, R. Noorlag, R. de Bree, C. Lieftink, R. van Es, R. Bernardi, S. Willems*

**004 17:45 – 17:55**

Molecular profile of nasopharyngeal carcinoma: Analyzing tumour suppressor gene promoter hypermethylation by multiplex ligation-dependent probe amplification

*Marc Ooft, The Netherlands
J. van Ipenburg, R. van Loo, R. de Jong, C. Moelans, W. Brauinius, R. de Bree, P. van Diest, S. Koljenovic, S. Willems*

**005 17:55 – 18:05**

Papillary thyroid carcinomas – adverse prognostic factors

*Matthias Dettmer, Switzerland
L. Boos, A. Schmitt, H. Moch, P. Komminoth, Y. E. Nikiforov, M. N. Nikiforova, A. Perren*

**006 18:05 – 18:15**

Multinodular goiter and well differentiated thyroid carcinoma in a child with embryonal rhabdomyosarcoma of the cervix: Another example of a DICER1 syndrome

*Irene Gullo, Portugal
R. Batista, P. Rodrigues-Pereira, M. Bom-Sucesso, H. Barroca, P. Soares, M. Sobrinho Simões*

**007 18:15 – 18:25**

Detailed genomic characterization identifies high heterogeneity and histotype-specific genomic profiles in adrenocortical carcinomas

*Simona Vatrano, Italy
E. Duregon, J. Giorcilli, S. Izzo, I. Rapa, A. Votta, M. Terzolo, A. Berruti, G. Scaglioni, M. Papotti, M. Volante*

**008 18:25 – 18:35**

High miR-100a expression is associated with aggressive features and decreased response to mTOR inhibitors in lung carcinoids

*Ida Rapa, Italy
A. Vorra, G. Gatti, S. Izzo, J. Giorcilli, N. Lo Buono, S. Vatrano, F. Napoli, M. Papotti, M. Volante*

**009 18:35 – 18:45**

Validation of the prognostic role of the Helsinki score in 225 cases of adrenocortical carcinoma

*Eleonora Duregon, Italy
L. Ventura, M. Volante, R. Cappelloesso, J. Giorcilli, A. Votta, S. Izzo, M. Terzolo, G. Scaglioni, A. Fassina, M. Papotti*

**010 18:45 – 18:55**

Granulation tissue-like spindle cell squamous carcinoma (SCSC) of the larynx. A clinicopathologic study of five cases

*Valentina Ranucci, Italy
O. Gallo, G. Mannelli, A. Franchi*

**011 18:55 – 19:05**

Epithelioid osteosarcoma of the maxilla: Review of a rare and agressive variant

*Cristina Peña Barreno, Spain
I. Lara Sanz, A. Berjón, J. J. Pozo-Kreiling, E. Ruiz-Bravo*
IAP / ESP 2016 · Cologne
Scientific Programme ▶ Wednesday

012 19:05 – 19:15
Human papillomavirus-related carcinoma with adenoid cystic-like features: Characterization of the Danish material
Simon Andreasen, Denmark
K. Kiss

SPEC-10 Special Session
17:15 – 19:15 Conference Room 3
ESP Residents' Assembly

001 17:15 – 17:25
Tumour initiating cells of the follicular lymphoma
Tadashi Yoshino, Japan
K. Takata, T. Takata

002 17:25 – 17:35
Diagnostics of splenic diffuse red pulp B-cell lymphoma
Alia Kovrigina, Russia
S. Korzhova, L. Al-Radi, I. Jakutic, U. Julhakyan, A. Sudarikov

003 17:35 – 17:45
Functional single nucleotide polymorphisms in IL2 and IL10 alter predisposition to mantle cell lymphoma, as well as its progression and immune antitumour response
Guilherme Mendonça, Brazil

004 17:45 – 17:55
AIDS related Non Hodgkin lymphomas: A report on 320 cases from single institution addressing gray zones in diagnosis
Tanuja Shet, India
M. Sengar, S. Epari, S. Sawant, H. Jain, S. Laskar, H. Menon, S. Gujral, A. Alahari

005 17:55 – 18:05
Stathmin-1, a marker of problematic cases in follicular lymphoma
Seda Akturk, Turkey
G. Kaygusuz, H. Kivrak, S. K. Köse, Y. Sahin, I. Kuzu

006 18:05 – 18:15
The incidence & prognostic impact of ASXL1 mutations/protein expression in myeloid stem cell diseases with concurrent bone marrow fibrosis and concordance between Sanger sequencing & immunohistochemistry
Dogu Varalli Bakkaloglu, Turkey
H. Sentürk Ciftci, O. A. H. Muslimanoglu, S. Ekizoglu, C. Kekik Cinar, M. C. Ar, N. Tuzuner

007 18:15 – 18:25
MicroRNA expression in enteropathy associated T-cell lymphoma type 1
Lindsey Clarke, Ireland

008 18:25 – 18:35
Label-free imaging of routine bone marrow smears by autofluorescence permits identification of erythroid precursors in human bone marrow
Konradin Metze, Brazil
A. P. Racanelli, F. A. Borges da Silva, I. Lorand-Metze

009 18:35 – 18:45
Bone marrow histopathology in patients with myelofibrosis following allogeneic stem cell transplantation: Single institution experience
Vadim Baykov, Russia
A. Botina, M. Barabashikova, E. Morozova, B. Afanasyev

010 18:45 – 18:55
Myeloid sarcoma: Clinico-pathological evaluation of 40 cases
Derya Demir, Turkey
N. Özsan, M. Hekimgil

011 18:55 – 19:05
Flow cytometry and fine needle aspiration cytology in the screening of lymphoproliferative diseases: Ten years experience
Olivia Cambero Moratalla, Spain
L. Castillo-Fernández, M. López-Carreira, J. Tardío, A. Moreno
Thursday, 29 September 2016

SY-19 Symposium

08:30 – 12:00 Plenary Hall 11.3
Soft Tissue and Bone Pathology
Molecular pathology of soft tissue and bone tumours in research and daily practice (+ Business Meeting)
Chairs: A. Neuville, France
Pancras Hogendoorn, The Netherlands

001 08:30 – 09:00
Molecular decivering of round cell sarcoma
Heinrich Kovar, Austria

002 09:00 – 09:30
The functional relevance of translocations in sarcoma
P. Sorensen, Canada

003 10:30 – 11:05
Overlapping genetics in clinicomorphological divergent tumours
Karolin Hansén Nord, Sweden

004 11:05 – 11:40
The clinical relevance of molecular testing
Cristina Antonescu, USA

005 11:40 – 12:00
Business meeting

SY-20 Symposium

08:30 – 12:00 Offenbachsaal
Uropathology
Update on WHO 2016 classification of genitourinary tumours
Chairs: Holger Moch, Switzerland
Victor Reuter, USA

001 08:30 – 09:00
Prostate cancer
Peter Humphrey, USA

002 09:00 – 09:30
Kidney cancer
Holger Moch, Switzerland

003 10:30 – 11:00
Urinary tract cancer
Victor Reuter, USA

004 11:00 – 11:30
Testis cancer
Daniel Berney, United Kingdom

005 11:30 – 12:00
Tumours of the penis
Antonio Cubilla, Paraguay

SY-21 Symposium

08:30 – 12:00 Europasaal
Digestive Diseases Pathology
The immune system and the GI tract
Chairs: Gregory Lauwers, USA
Arzu Ensari, Turkey

001 08:30 – 09:00
The immune system: Basic mechanisms of immune dysfunction
Xavier Sagaert, Belgium

002 09:00 – 09:30
GI pathology in innate and acquired immunodeficiency
Arzu Ensari, Turkey

003 10:30 – 11:00
Autoimmune enteropathy
Gregory Lauwers, USA

004 11:00 – 11:30
Differential diagnosis of intraepithelial lymphocytosis
Gustavo Baretton, Germany

005 11:30 – 12:00
Vasculitis
Runjan Chetty, Canada

LC-11 Long Course

08:30 – 12:00 Congress-Saal 2
Molecular Pathology
Major cancer theranostics
Chairs: Sabine Merkelbach-Bruse, Germany
Gerald Hoefler, Austria

001 08:30 – 09:00
How to use short and long neoadjuvant therapy samples in research and clinical setting of breast cancer
Anna Sapino, Italy

002 09:00 – 09:30
Molecular targets in lymphomas and their biomarkers
Han van Krieken, The Netherlands

003 10:30 – 11:00
Molecular markers in lung cancer
Reinhard Büttner, Germany
004  11:00 – 11:30
Colon cancer – RAS and beyond
_Gerald Hoefler, Austria_

005  11:30 – 12:00
Molecular diagnostics in uropathology
_Arndt Hartmann, Germany_

---

**SY-22 Symposium**

08:30 – 12:00
Joint Symposium Pathologists in favour of developing countries/IAP
The keywords of management of surgical pathology in low resource settings: Cooperation, sustainability, technology
_Chairs: Ho-Keung Ng, Hong Kong_  
_Paolo Giovenali (APOF), Italy_

---

001  08:30 – 08:50
Not only diagnostic: The other side of pathology in developing countries
_Vincenzo Stracca Pansa (APOF), Italy_

002  08:50 – 09:10
Developing common standards for pathology diagnostics in sub-Saharan Africa
_Adekunle Adesina (AORTIC), USA_

003  09:10 – 09:30
Standardising pathology training in West Africa
_Mohenou Isidore Diomande, Ivory Coast_

004  10:30 – 10:50
African Strategies for Advancing Pathology (ASAP)
_Yawale Iliyasu (APOF), Nigeria_

005  10:50 – 11:10
Might molecular biology play a role even in underserved countries?
_Giorgio Stanta, Italy_

006  11:10 – 11:30
How to choose the best screening method? A study in Democratic Republic of Congo
_Sergio Arnaud (APOF), Italy_

007  11:30 – 12:00
Presentation and signing of the agreement between ESP, AORTIC and APOF for the establishment of pathology projects in underserved countries
_Stefano Guzzetti, Italy_

---

**SY-23 Symposium**

08:30 – 12:00
Congress-Saal 3
History of Pathology
From Rudolf Virchow’s cellular pathology (19th century) to Karl Lennert’s functional pathology (20th century)
(+ Business Meeting)
Part 1
_Chairs: Antonio Llombart Bosch, Spain  
Peter Meister, Germany_

001  08:30 – 09:00
Virchow’s perception of pathology as basis of a modern, scientific medicine
_Hans Konrad Müller-Hermelink, Germany_

002  09:00 – 09:15
The Kaiser’s cancer revisited: Was Virchow totally wrong?
_Antonio Cardesa, Spain_

003  09:15 – 09:30
The pathology of gas lungs in soldiers during WW1
_Robin Cooke, Australia_

Part 2
_Chairs: Antonio Cardesa, Spain_  
_Gabriella Nesi, Italy_

004  10:30 – 10:50
Ludwig Aschoff – the most important German pathologist after Virchow: Early globalization and late political appeasement
_Annette Schmitt-Gräff, Germany_

005  10:50 – 11:10
Exodus of German pathologists and careers of displaced scholars after 1933
_Peter Meister, Germany_

006  11:10 – 11:30
Austrian pathology after the Anschluss: Tragedy and emigration of young talents
_Sigurd Lax, Austria_

007  11:30 – 11:50
Karl Lennert: Functional cytology of lymphocytes as fundament of a lymphoma classification
_Martin-Leo Hansmann, Germany_

008  11:50 – 12:00
Business meeting ESP WG History of Pathology
_Gabriella Nesi, Italy_
SY-24 SYmposium
08:30 – 12:00 North Conference Room
IT in Pathology
Digital Pathology – in and beyond routine applications
Part 1
Chairs: Gian Kayser, Germany
Arvydas Laurinavicius, Lithuania

001 08:30 – 08:42 Consultation, diagnosis and publication by a pathology network
Stephan Borkenfeld, Germany

002 08:42 – 08:54 In what way can digital pathology contribute to quality?
Marius Nap, The Netherlands

003 08:54 – 09:06 Integrating virtual slides into a PACS-based patient management system
Sven Seiwerth, Croatia

004 09:06 – 09:18 Experience with implementation of a fully digital diagnostic workflow
Paul van Diest, The Netherlands

005 09:18 – 09:30 How to build a business case for digital pathology
Alexi Baidoshvili, The Netherlands

Part 2
Chairs: Anna Batistatou, Greece
Klaus Kayser, Germany

006 10:30 – 10:45 Precision medicine and virtual microscopy – A mutual necessity?
Manfred Dietel, Germany

007 10:45 – 11:00 Current status of clinical guidelines for digital pathology
Marcial Garcia-Rojo, Spain

008 11:00 – 11:12 The importance of standardization and calibration in digital pathology
Yukako Yagi, USA

009 11:12 – 11:24 Analogies between pathology and geosciences
Cleo-Aron Weis, Germany

010 11:24 – 11:36 Structured reports – the helping corset
Gunter Haroske, Germany

Norman Zerbe, Germany

012 11:48 – 12:00 Statistics for pathologists – how to interpret big data analyses
Eberhard Korsching, Germany

SY-25 SYmposium
08:30 – 12:00 Conference Room 1-2
Ophthalmic Pathology
Eye pathology: Front-to-back and east-to-west
Chairs: Raymond Barnhill, France
Sarah Coupland, United Kingdom

001 08:30 – 09:00 Common and rare adnexal tumours
Claudia Auw-Hädrich, Germany

002 09:00 – 09:30 Classification of conjunctival melanocytic lesions. Update
Raymond Barnhill, France

003 10:30 – 11:00 Update on retinoblastomas
Charles Eberhart, USA

004 11:00 – 11:30 Update on ocular lymphomas
Sarah Coupland, United Kingdom

005 11:30 – 12:00 Update on non-lymphomatous orbital tumours, including IgG4 orbital disease
Fiona Roberts, United Kingdom
001 08:30 – 08:40
Preoperative detection of circulating epithelial cells in non-neoplastic pulmonary pathology. Pitfalls and limits of the CellSearch method
**Eve Denis, France**
E. Long, V. Hofman, E. Selva, M. Ilié, P. Hofman

002 08:40 – 08:50
Sphingosine kinase 1 and epithelial-mesenchymal transition in lung adenocarcinoma
**Pierre Fouret, France**
L. Castelain, H. Le Stunff

003 08:50 – 09:00
PD-L1 expression in primary tumour and circulating tumour cells in patients with advanced non-small cell lung cancer
**Marius Ilié, France**
E. Szafer-Glusman, V. Hofman, E. Long, S. Lalvée, E. Selva, C. H. Marquette, M. Kowanetz, P. Hedge, E. Punnoose, P. Hofman

004 09:00 – 09:10
Prognostic value of Fibroblast Growth Factor Receptor (FGFR) 1 gene amplification and FGFR2/FGFR3 driver-mutations in patients with Squamous Cell Carcinoma (SCC) of the lung
**Fidelis Flockerzi, Germany**
B. Holleczek, F. Langer, C. Roggia, J. Schöpe, R. Bohle

005 09:10 – 09:20
End-stage sarcoidosis: Radiologic-pathologic correlation
**Andras Khoor, USA**
J. Phelan, C. Keller, T. Colby, K. Leslie, A. Lee

006 09:20 – 09:30
Morphological and functional features of pulmonary embolism
**Roman Kalinin, Russia**
M. Mnikhovich, L. Kaktursky, A. Gallyamova, V. Pechnikova, I. Vasin, S. Snegur

007 10:30 – 10:40
Association of Type V collagen regulated genes and isoforms chains with systemic sclerosis-related pulmonary fibrosis
**Walcy Rosolia Teodoro, Brazil**
I. Begall, A. P. Pereira Velosa, P. Martin, S. Carrasco, A. Ab’Saber, E. Roger Parra, V. Capelozzi

008 10:40 – 10:50
Micropapillary carcinoma has the worst prognosis among stage Ia lung adenocarcinomas
**Tamás Zombori, Hungary**
D. Urban, R. Nemedi, L. Tiszlavicz, J. Furak

009 10:50 – 11:00
Diffuse idiopathic pulmonary neuroendocrine cell hyperplasia syndrome versus carcinoid tumours with/without neuroendocrine cell hyperplasia: A clinicopathologic, imaging and immunomolecular comparison study
**Maria Cecilia Mengoli, Italy**

010 11:00 – 11:10
Epidermal growth receptor mutations and TTF-1 status in Turkish non-small cell lung carcinoma cases
**Melahet Musayeva, Turkey**
S. Dizbay Sak, S. Boyacigil, O. Coskun, Z. Gencturk

011 11:10 – 11:20
What pathologies have we found in the mediastinum these past 25 years?
**Marc Rassy, Lebanon**
E. Bitar, S. Naderi, G. Tabet, C. Ghorra

012 11:20 – 11:30
Blood sample-based New Generation Sequencing detects circulating free MicroRNA from chronic thromboembolism pulmonary hypertension (liquid biopsy)
**Alexandre Todorovic Fabro, Brazil**
013 11:30 – 11:40
Inflammatory cell characterization and localization in malignant pleural mesothelioma
Francesca Lunardi, Italy
G. Pasello, N. Nannini, S. Vuljan, L. Urso, V. Polo, L. Bonanno, P. Conte, G. Marulli, F. Rea, F. Calabrese

014 11:40 – 11:50
Next Generation Sequencing of lung adenocarcinoma of smokers with and without Chronic Obstructive Pulmonary Disease (COPD)
Francesca Lunardi, Italy

015 11:50 – 12:00
An expression signature as an aid to the histologic classification of non-small cell lung cancer
Luc Girard, USA

GA-02 Special Session
12:00 – 13:00 Plenary Hall 11.3
ESP General Assembly

SS-14 Slide Seminar
14:00 – 16:00 Plenary Hall 11.3
Soft Tissue and Bone Pathology
New entities and diagnostic challenges in bone and soft tissue tumours
Chairs: Jason Hornick, USA
Fernanda Amary, United Kingdom

SC-20 Short Course
14:00 – 16:00 Offenbachsaal
Joint Short Course Uropathology/ICCR
The basic report in uropathology: The ESP/ICCR initiative
Chairs: Maurizio Colechia, Italy
John Srigley, Canada

001 14:00 – 14:20
Overview of ICCR dataset development process
John Srigley, Canada

002 14:20 – 14:45
Datasets for prostatic carcinoma: Needle biopsy, TURP and radical prostatectomy
Lars Egevad, Sweden

003 14:45 – 15:10
Urothelial carcinoma datasets – urinary bladder, upper tract and urethra
David Grignon, USA

004 15:10 – 15:35
Reporting renal cell carcinoma – needle biopsy and nephrectomy
Brett Delahunt, New Zealand

005 15:35 – 16:00
Testicular and penile cancer datasets
Eva Comperat, France

SY-26 Symposium
14:00 – 16:00 Europasaal
Liver and Pancreas Pathology
Pancreatic neoplasms: Morphology meets genetics
Chairs: Günter Klöppel, Germany
Anne Couvelard, France

001 14:00 – 14:30
Ductal adenocarcinoma and related neoplasms
Ralph Hruban, USA

002 14:30 – 15:00
Acinar cell carcinoma
Stefano La Rosa, Switzerland

003 15:00 – 15:30
Neuroendocrine neoplasms
Aurel Perren, Switzerland

004 15:30 – 16:00
Familial, hereditary and other neoplasms
David Klimstra, USA
**OFP-14 Oral Free Paper Session**

**14:00 – 16:00**

**Congress-Saal 2**

**Molecular Pathology**

*Chairs: Gerald Hoefler, Austria  
Gustavo Baretton, Germany*

---

**001 14:00 – 14:10**

H3K27me3 immunohistochemistry highlights the inactivated X chromosome (Xi) and predicts sex in nonneoplastic tissues

**Inga-Marie Schaefer, USA**  
A. Minkovsky, J. Hornick

---

**002 14:10 – 14:20**

Impact of Kras mutant subtypes on PD-L1 expression in lung adenocarcinoma

**Alexander Falk, France**


---

**003 14:20 – 14:30**

Liquid biopsy testing in routine clinical management of advanced non-small cell lung cancer: Clinical validation in a single biopathology laboratory

**Marius Ilié, France**

E. Long, V. Tanga, V. Lespinet, O. Bordone, M. Allegra, C. Ribeyre, M. Poudenx, C. H. Marquette, V. Hofman, P. Hofman

---

**004 14:30 – 14:40**

Molecular oncology: Structural and functional impact of mutations in RAS gene family

**Tazeen Mustansar, Pakistan**

T. Mirza, M. Hussain

---

**005 14:40 – 14:50**

Therapeutic implications of PDL1 (CD274) copy number alterations: Definition of core regions, correlations with gene expression and mutational loads across 22 major cancers

**Albrecht Stenzinger, Germany**

M. Bockmayr, C. Denkert, F. Klausch, S. Gröschel, J. Leichsenring, M. Dietel, S. Fröhling, W. Weichert, P. Schirmacher, J. Budczies

---

**006 14:50 – 15:00**

The importance of NFATc1 in the pathogenesis and survival of B cell lymphomas

**Krisna Murti, Indonesia**

A. Avots

---

**007 15:00 – 15:10**

Comparing PD-L1 expression using mRNA in situ hybridization assay (RNAscope) and immunohistochemistry in squamous cell lung cancer

**Julien Adam, France**


---

**008 15:10 – 15:20**

Comparative analysis of lung adenocarcinoma cases tested for ALK Immunohistochemistry (IHC) and Fluorescent in situ Hybridization (FISH)

**Pranjali Wagle, India**

N. Jambhekar, K. Prabhash, R. Kumar, C. S. Pramesh, V. Noronha, A. Joshi, G. Karimundackal, S. Ghosh laskar, J. P. Agarwal

---

**009 15:20 – 15:30**

Detection of somatic mutations in plasma allows for non-invasive real time therapy response monitoring of lung cancer patients

**Jose Luis Costa, Portugal**

G. Fernandes, J. Reis, V. Hespanhol, J. C. Machado

---

**010 15:30 – 15:40**

Liquid biopsies in lung and skin cancer – a comparison of digital PCR and NGS methodologies

**Karl Kashofer, Austria**

L. Brcic, A. Thueringer, A. Aigelsreiter, H. Popper, G. Hoefler

---

**011 15:40 – 15:50**

Complete workflow for detection of somatic mutations at 0.1% frequency from cell-free DNA using Ion Torrent platform

**Dumitru Brinza, USA**

C. Guillen Rovira, J. Gu, R. Chien, D. DMargra, J. Au-Young, F. Hyland, K. Bramlett

---

**012 15:50 – 16:00**

Expression of programmed death ligand (PD-L1) in different tumours: Comparison of several current available antibody clones

**Svetlana Kintsler, Germany**

T. Braunschweig
Thursday, 29 Sept

**SY-27 Symposium**

14:00 – 16:00 Congress-Saal 1
Pathologists in favour of developing countries

The sustainability of health cooperation passes through telepathology
*Chairs: Gerhard Stauch, Germany  Steffen Hauptmann (AORTIC), Germany*

---

001 14:00 – 14:20
Diagnostic pathology service, research and publication through telepathology in an underserved country: The Dhaka Basel experience

*Golam Mostafa, Bangladesh*

002 14:20 – 14:40
IPATH: 15 years, 600,000 consultations

*Monika Hubler, Switzerland*

003 14:40 – 15:00
Limitations and chances of static telecytology

*Peter Dalquen, Switzerland*

004 15:00 – 15:20
Limitations and chances in static telepathology

*Dietmar Kunze, Germany*

005 15:20 – 15:40
A new algorithm for sending data where high speed connections are unavailable

*Matteo Botteghi (APOP), Italy*

006 15:40 – 16:00
TeleCPC Cambodia, UK, Germany

*Nora Hinsch, Germany*

---

**SPEC-11 Special Session**

14:00 – 16:00 Congress-Saal 3

DGP

Junior scientist symposium
*Chairs: Anne Schultheis, Germany  Reinhard Büttner, Germany*

---

001 14:00 – 14:20
The PI3K/AKT/mTOR pathway in human clear cell liver foci and in the murine islet transplantation model

*Silvia Ribback, Germany*

002 14:20 – 14:40
On the origin of giant multinuclear Reed-Sternberg cells and the role of CD4+ T-cells in Hodgkin lymphoma

*Benjamin Rengstl, Germany*

---

003 14:40 – 15:00
Regulation of tumour development by nuclear pore proteins

*Kerstin Holzer, Germany*

004 15:00 – 15:20
Immunomechanisms in lung cancer

*Andreas Scheel, Germany*

005 15:20 – 15:40
Actin-regulating proteins in tumour progression and resistance to radiotherapy

*Konrad Steinenstel, Germany*

006 15:40 – 16:00
Morphology of germinal centers in immunodysregulation – CVID vs breast cancer

*Maximilian Seidl, Germany*

---

**SY-28 Symposium**

14:00 – 16:00 North Conference Room

IT in Pathology

Morphomolecular pathology – combining digital and molecular pathology

Part 1
*Chairs: Manfred Dietel, Germany  Marcial Garcia-Rojo, Spain*

---

001 14:00 – 14:15
Does tissue-based diagnosis require microscopic images?

*Klaus Kayser, Germany*

002 14:15 – 14:30
Mapping the immune landscape of tumours for cancer outcome prediction

*Johan Lundin, Finland*

003 14:30 – 14:45
Comprehensive immunohistochemistry: Digital, analytical and integrated

*Arvydas Laurinavicius, Lithuania*

004 14:45 – 15:00
Data mining in molecular pathology

*Gian Kayser, Germany*

---

Part 2
*Chairs: Paul van Diest, The Netherlands  Sven Seiwerth, Croatia*

---

005 15:00 – 15:12
Pathology image perception in the digital era

*Anna Batistatou, Greece*
Thursday, 29 Sept

IAP / ESP 2016 · Cologne

Scientific Programme ▶ Thursday

006 15:12 – 15:24 Interfaces between biobank and pathology information systems to support research applications Peter Hufnagl, Germany

007 15:24 – 15:36 Digital and manual analysis of Ki stains Essam Ayad, Egypt

008 15:36 – 15:48 Ki67 hotspots identification or also “Salient areas in digital slides from visualization tracks analysis Vincenzo Della Mea, Italy

009 15:48 – 16:00 Segmentation of tissue – comparison of different concepts Björn Lindequist, Germany

SS-15 Slide Seminar

14:00 – 16:00 Conference Room 1-2
Joint Slide Seminar Ophthalmic Pathology / EOPS/ISOP/DOP/BAOP:
Interesting cases in eye pathology
Chair: Robert M. Verdijk, The Netherlands

001 14:00 – 14:20 Hind Alkatan, Saudi Arabia

002 14:20 – 14:40 Daniela Mihic-Probst, Switzerland

003 14:40 – 15:00 Robert M. Verdijk, The Netherlands

004 15:00 – 15:20 Paul Van Der Valk, The Netherlands

005 15:20 – 15:40 Charles Eberhart, USA

006 15:40 – 16:00 Hardeep Singh Mudhar, United Kingdom

OFP-15 Oral Free Paper Session

14:00 – 16:00 Conference Room 5
Dermatopathology
Chairs: Wayne Grayson, South Africa Erhard Bierhoff, Germany

001 14:00 – 14:10 Expression of histone deacetylase 2 in Spitz tumours Martina Bosic, Serbia L. Bakic, M. Barovic, S. Cirovic, D. Brasanac

002 14:10 – 14:20 Expression of HMGA2 in actinic keratosis, Bowen’s disease and invasive Squamous Cell Carcinoma (SCC) of the skin Sanja Cirovic, Serbia M. Bosic, D. Brasanac

003 14:20 – 14:30 Optimisation of tissue and plasma assessment of BRAF mutational status in metastatic malignant melanoma by the IDYLLA system Elodie Long, France M. Ilié, V. Tanga, O. Bordone, M. Allegra, H. Montaudié, P. Bahadoran, P. Hofman

004 14:30 – 14:40 Protein p16 role in seborrhoeic keratosis Li Jiajing, Russia V. A. Smolyannikova, A. K. Aleksandrova, V. Filatova

005 14:40 – 14:50 Nodular superficial thrombophlebitis: A study of clinical and histopathology spectrum of 34 cases Panitta Sitthinamsuwan, Thailand P. Hutachuda, S. Hanamornroongruang, P. Chanyachailert, P. Pattanaprichakul

006 14:50 – 15:00 Unusual distribution of Type V collagen isoforms determines the cutaneous fibrosis in scleroderma Walcy Rosolia Teodoro, Brazil J. Morais, A. P. Pereira Velosa, P. Martin, S. Carrasco, I. Camargo, C. Goldenstein-Schainerberg, V. Capelozzi

007 15:00 – 15:10 Expression of a long non-coding RNA NEAT1 is significantly higher in MCPyV-positive Merkel cell carcinomas than MCPyV-negative ones Gen Akizuki, Japan K. Imamura, T. Yamada, R. Mizutani, M. Matsushita, T. Iwasaki, D. Nonaka, S. Kuwamoto, K. Nagata, K. Hayashi, N. Akimitsu

008 15:10 – 15:20 BRAF V600E inter- and intra-tumour heterogeneity in primary melanoma and corresponding metastases Line Bjerrehave Nielsen, Denmark J. Lade-Keller, T. Steiniche, H. Schmidt
009 15:20 – 15:30
Fibril and network-forming collagen may influence crosslinked density of skin in diabetic rats
Walcy Rosoliao Teodoro, Brazil
V. Protocevich Toledo, S. Catanozi, A. P. Pereira Velosa, A. dos Santos-Filho, V. Capelozzi

010 15:30 – 15:40
T cell landscape in primary melanoma predicts the survival of patients with metastatic disease after their treatment with dendritic cell vaccines
Altuna Halilovic, The Netherlands

011 15:40 – 15:50
Association between a synonymous EGFR polymorphism and EGFR expression in non melanoma skin cancer
Hayfa Tounsi Guettiti, Tunisia

012 15:50 – 16:00
A clinicopathological features and treatment outcome of cutaneous polyarteritis nodosa in Thailand
Penvadee Pattanaprichakul, Thailand
S. Hanamornroongruang, P. Chanyachailert, P. Hutachuda, P. Sitthinamsuwan

BPS-14 Best Poster Session
16:00 – 16:30 Hall 11.3 E-Poster Terminal 1
Molecular Pathology
Chair: Karl-Friedrich Becker, Germany

BPS-15 Best Poster Session
16:00 – 16:30 Hall 11.3
Soft Tissue and Bone Pathology
Chair: Pancras Hogendoorn, The Netherlands

BPS-16 Best Poster Session
16:00 – 16:30 Hall 11.3
Uropathology
Chair: Dilek Baydar, Turkey

BPS-17 Best Poster Session
16:00 – 16:30 Hall 11.3
History of Pathology/IT in Pathology/Ophthalmic Pathology
Chair: Robert M. Verdijk, The Netherlands

KL-04 Keynote Lecture
16:30 – 17:15 Plenary Hall 11.3
Chair: Dietmar Schmidt, Germany
Dynamic in lymph node pathology
Martin-Leo Hansmann, Germany

PL-01 Plenary Session
17:15 – 18:45 Plenary Hall 11.3
Plenary Oral Free Paper Session
Chairs: Pierre Bedossa, France
Dietmar Schmidt, Germany

CC-01 Special Session
18:45 – 19:00 Plenary Hall 11.3
Closing Ceremony

Please visit the Poster Area in Hall 11.3 of Congress-Centrum Ost Koelnmesse
IAP General Assembly
Wednesday, 28 September 2016
13:00 – 14:00 · Plenary Hall 11.3

ESP General Assembly
Thursday, 29 September 2016
12:00 – 13:00 · Plenary Hall 11.3
Two Day Symposium for Molecular Biologists

Registered IAP/ESP delegates, who would like to take part in the Two Day Symposium for Molecular Biologists, are advised to contact the congress counter in order to be granted admission.

Please note that registration will be handled on a first-come, first-served basis.
Monday, 26 September 2016

MB-01 Two Day Symp. Molecular Biol.
08:30 – 12:00 Conference Room 3
Morning Session: Current and future application of NGS in routine pathology molecular diagnostics
A look behind the scenes of the Laboratory for Pathology Molecular Diagnostics in Cologne
Chairs: Marjolijn Ligtenberg, The Netherlands
Winand Dinjens, The Netherlands
Organiser: Sabine Merkelbach-Bruse, Germany

001 08:30 – 09:00
Background: Network genomic medicine (NGM), introduction to the lab
Sabine Merkelbach-Bruse, Germany

002 09:00 – 09:30
First steps in analysis: DNA extraction, PCR – case demonstration
Svenja Wagener, Germany

003 10:30 – 11:00
Comparison of different conventional methods for mutational analysis – case demonstration
Michaela Ihle, Germany

004 11:00 – 11:30
Enrichment strategies for parallel sequencing – requirements and pitfalls
Carina Heydt, Germany

005 11:30 – 12:00
Bioinformatic tools for analyzing sequencing data
Till Baar, Germany

MB-02 Two Day Symp. Molecular Biol.
14:45 – 16:45 Conference Room 3
Afternoon Session: NGS molecular diagnostics: A multidisciplinary approach
Chairs: Zandra Deans, United Kingdom
Sabine Merkelbach-Bruse, Germany

001 14:45 – 15:30
Pathology molecular diagnostics: Expansion of the tumour spectrum
David Gonzalez de Castro, United Kingdom

MB-03 Two Day Symp. Molecular Biol.
17:15 – 19:15 Conference Room 3
Quality assurance and EQA symposium
Improving quality implementation
- A multi-stakeholder forum for improving quality in biomarker assessment
- New technologies – how can EQA help?
- Important learning curve by participating in EQA schemes
Chairs: Manfred Dietel, Germany
Karl Kashofer, Austria
Organiser: Elisabeth Dequeker, Belgium

001 17:15 – 17:39
Improving quality in biomarker assessment – feedback from different EQA programs
Nicola Normanno, Italy

002 17:39 – 18:03
Guidelines for NGS in solid tumours
Zandra Deans, United Kingdom

003 18:03 – 18:27
The broad variety of next-generation sequencing methodologies and the impact on biomarker testing
Véronique Tack, Belgium

004 18:27 – 18:51
Error types during EQA schemes and corrective actions to improve laboratory performance
Cleo Keppens, Belgium

005 18:51 – 19:15
Where can IQN path help to improve the quality assurance of the laboratories?
Jacqueline Hall, Luxemburg
Tuesday, 27 September 2016

**MB-04** Two Day Symp. Molecular Biol.
08:30 – 12:00 Conference Room 3
Morning Session: Pathology molecular diagnostics state-of-the-art in France
*Chairs: Elisabeth Dequeker, Belgium*  
 Jan Sperveslage, Germany

001 08:30 – 09:00
The French organisation of oncology molecular diagnostics  
*Frédérique Nowak, France*

002 09:00 – 09:30
Oncology molecular diagnostic testing and EQA in France  
*Etienne Rouleau, France*

003 10:30 – 11:15
Molecularly targeted therapy based on tumour molecular profiling: SHIVA study  
*Christophe le Tourneau, France*

004 11:15 – 12:00
Selected abstracts  
*Carina Heydt, Germany*  
*Ina Geurts-Giele, The Netherlands*

**MB-05** Two Day Symp. Molecular Biol.
14:45 – 16:45 Conference Room 3
Afternoon Session: What do you need to know about bio-informatics?  
*Chairs: Jan Budczies, Germany*  
*Harmen van de Werken, The Netherlands*

001 14:45 – 15:25
Bio-informatics in daily pathology molecular diagnostics: The Rotterdam experience  
*Harmen van de Werken, The Netherlands*

002 15:25 – 16:05
Bio-informatics in daily pathology molecular diagnostics practice  
*Jan Budczies, Germany*

003 16:05 – 16:45
Validation of bio-informatic pipelines  
*Karl Kashofer, Austria*

**MB-06** Two Day Symp. Molecular Biol.
17:15 – 19:15 Conference Room 3
Evening Session: Are liquid biopsies the future?  
*Chairs: Han van Krieken, The Netherlands*  
*Gerald Hoefler, Austria*

001 17:15 – 17:55
High-sensitive detection of EGFR mutations in circulating free tumour DNA  
*Nicola Normanno, Italy*

002 17:55 – 18:35
Monitoring GIST patients by detection of blood derived ctDNA  
*Ed Schuuring, The Netherlands*

003 18:35 – 19:15
Liquid Biopsies – results from the first round robin trial in Germany and first experiences in daily routine diagnostics  
*Jana Fassunke, Germany*
One Day Symposium for Information Technology

Registered IAP/ESP delegates, who would like to take part in the One Day Symposium for Information Technology, are advised to contact the congress counter in order to be granted admission.

Please note that registration will be handled on a first-come, first-served basis.
### Digital Pathology at a Tipping Point:

**IT-01  1-Day IT Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
</tr>
</thead>
</table>
| 08:30 – 12:00 | Conference Room 5  
Session 1: New developments and applications in image analysis for routine pathology | Jeroen van der Laak, The Netherlands |
| 08:30 – 09:30 | Towards artificial intelligence and its applications to healthcare  
Julien Cornabise, United Kingdom | |
| 10:30 – 10:55 | Tissue morphometrics in digital pathology  
Nasir Rajpoot, United Kingdom | |
| 10:55 – 11:20 | Digitizing the pathologist: Deep learning in clinical applications  
Geert Litjens, The Netherlands | |
| 11:20 – 11:45 | Automated digital image analysis is necessary for correct patient treatment  
Henrik Holten-Rossing, Denmark | |
| 11:45 – 12:00 | Introducing the IT working group  
Klaus Kayser, Germany | |

**IT-02  1-Day IT Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
</tr>
</thead>
</table>
| 14:45 – 16:45 | Conference Room 5  
Session 2: Regulatory affairs (in association with the Digital Pathology Association) | Frederick Klauschen, Germany |
| 14:45 – 15:30 | Top five reasons for implementing digital pathology  
Anil Parwani, USA | |
| 15:30 – 16:15 | The FDA’s position on whole slide imaging  
Esther Abels, The Netherlands | |
| 16:15 – 16:45 | Clinical algorithms and research in digital pathology  
Joachim Schmid, USA | |

**IT-03  1-Day IT Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
</tr>
</thead>
</table>
| 17:15 – 19:15 | Conference Room 5  
Session 3: Computer aided diagnosis: The future is now | Darren Treanor, United Kingdom |
| 17:15 – 17:45 | When computers outperform humans in the interpretation of medical images: How can health care benefit?  
Bram van Ginneken, The Netherlands | |
| 17:45 – 18:15 | Integration of histology and molecular profiling through machine learning-based image analysis  
Frederick Klauschen, Germany | |
| 18:15 – 18:45 | Machine learning and digital pathology for discovery and clinical application: Experience from the NCI-Heidelberg imaging studies  
Niels Grabe, Germany | |
| 18:45 – 19:15 | Panel discussion | |

Kindly supported by:

- PHILIPS
- SAURA
- SYSMEX
One Day Workshop for Technicians (TEC)

Registered IAP/ESP delegates, who would like to take part in the One Day Symposium for Technicians, (TEC) are advised to contact the congress counter in order to be granted admission.

Please note that registration will be handled on a first-come, first-served basis.
### Thursday, 29 September 2016

#### TEC-01 1-Day TEC Workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 – 12:00</td>
<td>Conference Room 3</td>
</tr>
<tr>
<td><strong>Morning Session</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Chairs:</strong> Ralf Lieberz, Germany, Christiane Maschek, Germany</td>
<td></td>
</tr>
<tr>
<td>001 08:30 – 08:40</td>
<td>Introduction Ralf Lieberz, Germany</td>
</tr>
<tr>
<td>002 08:40 – 09:05</td>
<td>Responsibility by competence: Redistribution of grossing tasks Dorit Rennspiess, The Netherlands</td>
</tr>
<tr>
<td>003 09:05 – 09:30</td>
<td>Liquid biopsy in cancer – ready for prime time? Andreas Bösl, Austria</td>
</tr>
<tr>
<td>004 10:30 – 12:00</td>
<td>The liquid biopsy – new option for patient management in NSCLS: Different testing methodologies and their role in personalized healthcare (Discuss patient management with liquid biopsy in a routine setting through interactive patient cases) Peter Meldgaard, Denmark, Izidor Kern, Slovenia</td>
</tr>
</tbody>
</table>

#### TEC-02 1-Day TEC Workshop

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00 – 16:00</td>
<td>Conference Room 3</td>
</tr>
<tr>
<td><strong>Afternoon Session</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Chairs:</strong> Ralf Lieberz, Germany, Christiane Maschek, Germany</td>
<td></td>
</tr>
<tr>
<td>001 14:00 – 14:40</td>
<td>The lean-process Mai-Britt Naumann Pedersen, Denmark</td>
</tr>
<tr>
<td>002 14:40 – 15:20</td>
<td>Novel techniques in molecular pathology diagnostics Stephan Bartels, Germany</td>
</tr>
<tr>
<td>003 15:20 – 16:00</td>
<td>Understanding the present to navigate the future in pathology-tec Franco Visinoni, Italy</td>
</tr>
</tbody>
</table>
Poster Sessions

- PS-01 – PS-07
  Monday, 26 September 2016

- PS-08 – PS-14
  Tuesday, 27 September 2016

- PS-15 – PS-19
  Wednesday, 28 September 2016

- PS-20 – PS-25
  Thursday, 29 September 2016

All poster presenters were invited to upload their posters as E-Posters as well. All uploaded E-Posters can be searched for and viewed electronically on the 8 terminals in the poster area in Hall 11.3 from Monday, 26 to Thursday, 29 September 2016.
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS-01</td>
<td>Role of Galectin-3 in breast carcinoma chemoresistance</td>
<td>Suhail Al-Salam, United Arab Emirates M. Bashir, M. Jallodi</td>
</tr>
<tr>
<td></td>
<td>Clinicopathological profile and receptor status in breast carcinoma: Single institutional North Indian experience</td>
<td>Anshu Jain, India V. Maheshwari</td>
</tr>
<tr>
<td></td>
<td>Analysis of BMI and the molecular profile of the primary tumour in patients with invasive Breast Carcinomas (BC)</td>
<td>Simona Stolnicu, Romania O. Bauer, M. F. Coros, D. Moncea, C. Moldovan, R. Georgescu</td>
</tr>
<tr>
<td></td>
<td>Immunohistochemical profile of male breast cancer in Nigerians</td>
<td>Nnamdi Orah, Nigeria D. Adetola</td>
</tr>
<tr>
<td></td>
<td>Triple negative invasive breast carcinomas with comedo necrosis have a better prognosis than the majority of other triple negative tumours</td>
<td>Taneisha McFarlane, United Kingdom S. Shousha</td>
</tr>
<tr>
<td></td>
<td>Immunohistochemical study of CD44 and CD24 as cancer stem cell markers and their prognostic role in invasive ductal carcinoma of breast</td>
<td>Omnia Rizk, Egypt A. Elsaka</td>
</tr>
</tbody>
</table>
013 TTF-1 expressing primary Small Cell Carcinoma (SCC) of the breast, present initially as a lymph node metastasis
_Beyhan Mollamemisoglu, Turkey_

014 Lysyl oxidase (LOX) contribute to formation of intratumoral fibrotic focus (FF) by inflammation in invasive breast cancer
_Hoon-Kyu Oh, Republic of Korea_

015 The diagnostic utility of cell block in fine needle aspiration cytology of palpable breast lesions in a Nigerian tertiary hospital
_Fred John N. Obiajulu, United Kingdom_

016 Expression patterns of GATA3 and the androgen receptor are strongly correlated in patients with triple-negative breast cancer
_Sew-Ha Kim, Republic of Korea_

017 Bilateral breast fibromatosis in context of classic familiar adenomatous polyposis and breast implants: Case report
_Ana Felixi, Portugal_

018 St. Gallen 2013 Consensus for molecular subtyping of breast carcinomas: Can pathologists (still) help to predict complete response to neoadjuvancy?
_Adele Saco, Spain_

019 Pathological complete response after cisplatin neoadjuvant therapy is associated with the downregulation of DNA repair genes in BRCA1-associated triple-negative breast cancers
_Paweł Domagała, Poland_

020 Triple negative breast carcinoma arising in Microglandular Adenosis (MGA)
_Aliaa Shalaby, Ireland_

021 Significance of cancer stem cell markers in mammary phyllodes tumour
_Min-Jung Jung, Republic of Korea_

022 Gene-protein assay for assessing breast cancer HER2 status
_Tibor Tot, Sweden_

023 Expression of p40 in different molecular subtypes of breast cancer and in metaplastic breast carcinomas
_Bence Péter Kóvári, Hungary_

024 Impact of Modified 2013 ASCO/CAP guidelines on Immunhistochemistry 2++ HER2 cases with FISH test analysis
_Handan Kaya, Turkey_

027 Expression of microRNAs in molecular breast cancer subtypes
_Vlada Kometova, Russia_

028 Concordance between breast core needle biopsy and resection specimen
_Handan Kaya, Turkey_

83
029 Breast cancer in young women: Data from the Epirus region of Greece
Zoi Evangelou, Greece
A. Papoudou-Bai, S. Kamina, A. Batistatou, D. Stefanou

030 The expression and significance of Ki-67 in the primary tumour and lymph nodes metastases in breast cancer patients
Vlada Kometova, Russia
V. Rodionov, Y. Dergunova, M. Rodionova

031 Regulation of H-ras expression and caspase-3 apoptotic cell death in breast cancer epithelial MCF-7 cells by cadmium
Doxakis Anestakis, Greece
S. Petanidis, E. Gkika, E. Zagelidou, N. Raikos, A. Salifoglou

032 Comparison of HER2 status determination methods: Fluorescent in Situ Hybridization (FISH) vs. dual silver enhanced in Situ Hybridization (SISH)
Burcin Pehlivanoglu, Turkey
O. Zekioglu, L. Yeniay, R. Yilmaz, E. Gokmen, N. Özdemir

034 Her2/neu expression in breast cancer patients who have a combination of low grade progesterone receptor with high grade estrogen receptor status
Dmytiy Karseladze, Russia
G. Chemeris, M. Byakhova

037 HER2/neu overexpressing Primary Breast Squamous cell Carcinoma: A case report of an extremely rare tumour
Kalliropi Koula, Greece
A. Tsavari, A. Apostolopoulos, G. Sotiropoulos, T. Vasilakaki, K. Manoloudaki, E. Arkoumani

038 Benign tumours of the breast in Kano, Northern Nigeria: A 10 year experience and review of literature
Solomon Raphael, Nigeria
I. Ibrahim, Y. Ibrahim

039 Prevalence of different molecular subtypes of invasive breast cancer: Early experience in Armenia
Armen Mkhitaryan, Armenia
V. Sahakyan, T. Goldmann

041 The role of tenascin-C in triple-negative breast cancers
Alexey Ivanov, Russia
O. Popova, S. Bogomazova, T. Danilova

042 Radiation-induced angiosarcoma and atypical vascular lesion of the breast: Case report and meta-analysis of observational studies
Nickolas Myles, Canada
K. B. Berg, K. Chiu, J. L. Wright, R. Worburton

044 Cancer stem cell and epithelial-mesenchymal transition interactions in Phyllodes Tumours: Outcome analysis in relation to clinical features and patient survival
Syed Salahuddin Ahmed, Singapore
J. Iqbal, A. A. Thike, J. C. Tatt Lim, P. H. Tan

045 Bioinformatics analysis of multi-omics (transcriptome and proteomic) reveals molecular pathways that inhibit tumour growth after nicotinamide treatment in a triple negative breast cancer cell line model
Han-Suk Ryu, Republic of Korea
D.-H. Han, J.-J. Jang

046 Next generation proteomic analysis reveals suppression of Bmi-1 mediates molecular pathways for inhibiting tumour progression in triple negative breast cancer
Han-Suk Ryu, Republic of Korea
D.-H. Han, J.-J. Jang, I.-A. Park

047 Iron regulation in the breast carcinoma microenvironment
Oriana Marques, Portugal
<table>
<thead>
<tr>
<th>Poster Presentations ➤ Monday</th>
</tr>
</thead>
<tbody>
<tr>
<td>048 Tumour associated macrophages are strongly related to vascular invasion, non-luminal molecular subgroups and interval breast cancer</td>
</tr>
<tr>
<td>Tor Audun Klingен, Norway</td>
</tr>
<tr>
<td>Y. Chen, H. Aas, E. Wik, L. Akslen</td>
</tr>
<tr>
<td>049 Clinicopathologic Features of Triple Positive Breast Cancer (TPBC): An experience from Mexico</td>
</tr>
<tr>
<td>Isabel Alvarado Cabrero, Mexico</td>
</tr>
<tr>
<td>S. Stolnicu, J. De Anda Gonzalez, A. Mantilla Morales, I. Cuadra Garcia, R. Valencia Cedillo</td>
</tr>
<tr>
<td>050 Are heterogeneity and cellularity important in behavior of phyllodes tumour – A comparative study of WHO classification with a modified WHO classification including heterogeneity – cellularity</td>
</tr>
<tr>
<td>Mayur Kothiya, India</td>
</tr>
<tr>
<td>051 Breast metastasis from ovarian serous micropapillary carcinoma</td>
</tr>
<tr>
<td>Ayse Nur Akatlı, Turkey</td>
</tr>
<tr>
<td>N. Sahin, N. Kaplan, H. Gokçe</td>
</tr>
<tr>
<td>052 Review of columnar cell lesions in fibrocystic changes of the breast: A 10 year retrospective study</td>
</tr>
<tr>
<td>Abimbola Jimoh, Nigeria</td>
</tr>
<tr>
<td>A. Daramola, O. Oguntunde</td>
</tr>
<tr>
<td>053 Heterotypical Cell Cannibalism (CC) in breast cancer tumour cells</td>
</tr>
<tr>
<td>Valentine Pechnikova, Russia</td>
</tr>
<tr>
<td>V. Zagrebin, M. Mnikhovich, M. Ben Ammar, V. Luchinin</td>
</tr>
<tr>
<td>054 Features of cell adhesion molecules expression in primary breast cancer cells and its metastases</td>
</tr>
<tr>
<td>Anastasia Gallyamova, Russia</td>
</tr>
<tr>
<td>M. Mnikhovich, L. Kaktursky, V. Luchinin</td>
</tr>
<tr>
<td>055 Expression of PD-L1 in triple-negative breast cancer based on different immunohistochemical antibodies</td>
</tr>
<tr>
<td>Hye-Min Kim, Republic of Korea</td>
</tr>
<tr>
<td>W.-Y. Sun, Y.-K. Lee, J.-S. Koo</td>
</tr>
<tr>
<td>056 Invasive carcinoma of no special type arising from an atypical microglandular adenosis of the breast: A case report and review of the literature</td>
</tr>
<tr>
<td>Semen Önder, Turkey</td>
</tr>
<tr>
<td>E. Ozkurt, S. Tuzlali, R. Ilhan, E. Yavuz</td>
</tr>
<tr>
<td>057 Robustness of scoring stromal features in ductal carcinoma in SITU of the breast: An inter-observer variability study</td>
</tr>
<tr>
<td>Mieke van Bockstal, Belgium</td>
</tr>
<tr>
<td>K. Lambein, A. Smeets, P. Neven, I. Nevelsteen, M.-R. Christiaens, L. Libbrecht, G. Floris</td>
</tr>
<tr>
<td>058 Breast cancer intratumour heterogeneity in routine practice</td>
</tr>
<tr>
<td>Larisa Moskvina, Russia</td>
</tr>
<tr>
<td>Y. Andreeva, L. Zavalishina, M. Ilatovskaya, G. Frank</td>
</tr>
<tr>
<td>059 Multiple subcutaneous papillomas of the chest caused by needle tract seeding from the breast</td>
</tr>
<tr>
<td>Tokiko Nakai, Japan</td>
</tr>
<tr>
<td>060 HER2 in situ hybridization analysis from 0 and 1+ immunohistochemistry in breast cancer</td>
</tr>
<tr>
<td>Päivi Heikkilä, Finland</td>
</tr>
<tr>
<td>M. Kero, S. Remes, A. Stähls</td>
</tr>
<tr>
<td>061 Tumour-suppressive effects of oregano in N-methyl-N-nitrosourea-induced mammary carcinogenesis in female Sprague-Dawley rats</td>
</tr>
<tr>
<td>Karol Kajo, Slovakia</td>
</tr>
<tr>
<td>P. Kubatka, D. Výbohová, K. Machalekova, M. Adamkov</td>
</tr>
</tbody>
</table>
IAP / ESP 2016 · Cologne

Poster Presentations ★ Monday

063 The effect of heavy metals accumulation on morphological and immunohistochemical features of breast cancer
Mykola Lyndin, Ukraine
A. Romaniuk, R. Moskalenko

064 Primary breast angiosarcoma: Case report
Nikolaos Pouliantis, Greece
A. Chatzimarinaki, A. Taliadoros, I. Themeli, G. Kazamias, C. Vourlakou

065 Increased CD4+ and CD8+ lymphocytic infiltration in patients with triple negative breast cancer suggests susceptibility to immune therapy
Muhammad Asif Qureshi, Pakistan
B. Sikandar, S. Khan, I. D. Uijan, T. Mirza, M. Zahid

066 Breast adenoid cystic carcinoma: A case report
Laila Bahi, Morocco
M. Khmou, M. Rais, J. Kharmoum, S. El-Abbaoui, B. El-Khannoussi

067 Evaluation of Ki67 expression in breast cancer (pT1-2N0) using tissue microarrays and image analysis
Asel Kudaybergenova, Russia
R. Paltuev

069 Benign hepatocellular nodule as regression of a breast cancer liver metastasis: Case report
Daniela Vinha Pereira, Portugal
P. Chaves, S. André

070 Breast cancer incidence, demographic, and pathological characteristics in Bosnia and Herzegovina
Faruk Skenderi, Bosnia and Herzegovina
N. Ibisevic, J. Topcagic, N. Bilalovic, S. Vranic

071 Decreased immunoexpression of vav2 could be a potential marker in breast carcinoma progression
Hye-Won Hwang, Republic of Korea
S.-Y. Cho, E.-Y. Cho

072 Male breast cancer: Clinicopathological and immunohistochemical characteristics
Ines Saguem, Tunisia
R. Kallel, N. Gouiaa, S. Charfi, I. Ayedi, O. Boudawara, T. Boudawara, H. Mnif

073 Clinical, histological and immunophenotypical features of high-grade adenosquamous carcinomas of the breast
Samir Abdullazade, Turkey
S. Ekmekci, F. Baran, K. Kosemehmetoglu, G. Guler

074 Comparative study of OSNA method and conventional method in axillary staging in breast cancer
Maria López Zambrano, Spain

076 The importance of immunohistochemical expressions of GATA3 and Fli-1 in triple negative breast carcinomas and their relationship with clinicopathological parameters
Ceren Boyaci, Turkey

077 Progesterone receptor antibody clone 1E2 specificity and binding characterization and comparison to other progesterone receptor antibody clones
Amy Hanlon Newell, USA

078 Papilloma with ductal carcinoma in situ with osteoclastic giant cells of the breast: Case report
Emine Kilic Bagir, Turkey
A. Acikalin, M. Ergin, S. Zorludemir
079
Molecular classification of breast carcinomas correlates with distant metastases and local recurrence: A big study
Panagiota Ravazoula, Greece
K. Kekempanou, E. K. Nikolatou, D. Koumondourou, E. Mpota

080
Correlation between Her2 results in core needle and excision breast biopsy of breast cancer
Filip Vukmirovic, Montenegro
M. Golubovic, L. Vuckovic

081
Expression of Sema4D in invasive breast ductal carcinoma, NOS in relation to tumour angiogenesis and tumour-associated macrophages
Ewe Seng Ch’ng, Malaysia
S. E. Tuan Sharif, H. Jaafar

082
Invasive breast carcinoma with sebaceous differentiation and neuroendocrine features
Domniki Gerasimidou, Greece
J. Gosevska, E. Goupou, P. Xirou, S. Triandaphyllidou, F. Patakiouta

083
Primary Small-cell Neuroendocrine Carcinoma (PSCNC) of the breast: A case report
Anastasia Nikolaidou, Greece
E. Galidis, F. Chatzinikolaou, J. Gosevska, F. Patakiouta

085
Ki67 and estrogen receptor changes in breast cancer local metastases
Konstantin Konyshev, Russia
A. Brilliant, S. Sazonov

087
Assessment of cell density in initial, intermediate CNB and in resection specimen after neoadjuvant chemotherapy
Asel Kudaybergenova, Russia
V. Bashlyk, A. Artemyeva

089
Unusual presentation of metastatic breast cancer
Antonia- Rebeka Dicu, Romania
A. Dema, D. Anderco, M. Iacob, S. Taban, M. Cornianu, A. Muresan, L. Daminescu

090
Digital quantification of Ki67 in breast cancer
Maria Del Rosario Taco, Spain
T. Soler, A. Petit, X. Perez, C. Falo, X. Matias-Guiu

091
Touch imprint cytology of sentinel lymph nodes in breast cancer: One institution’s experience
Tatjana Ivkovic-Kapicic, Serbia
M. Panajkovic, T. Vasiljevic, S. Knezevic-Usaj, Z. Nikin

092
Evaluation of Caveolin-1 expression in molecular subtypes of breast cancer
Gulden Diniz, Turkey
Z. Yildirim Ekin, G. Akoz, M. Uncel, G. Ekin

093
Percutaneous radiofrequency ablation in breast cancer: Assessing cell death
César Chappuis de Oliveira, Spain

094
Changes in ER, PgR and HER2 after neoadjuvant chemotherapy
Asel Kudaybergenova, Russia
E. Turkevich, A. Artemyeva

095
Breast cancer molecular subtypes defined by estrogen receptor progesterone receptor and human epidermal growth factor receptor type 2 status: Association with clinicopathologic parameters in Ivorian patients
Ahoua Effi, Ivory Coast
N. Aman, B. Kou, K. Koffi, Z. Traore, M. Kouyate
096 Accuracy of the duration of tissue formalin fixation and the molecular profiles of primary breast cancers in a tertiary hospital of Rwanda

Isabelle Izimukwiye, Rwanda
M. C. Ndayisaba, V. Bigirimana, J. d. Dieu Baryabayaga, A. Y. Nsenguwera, N. Niyikora, B. Rugwizangoga

098 Quantification of Cytokeratin 19 mRNA burden and correlation with axillary dissection positivity in breast cancer patients

Helder Oliveira Coelho, Portugal
G. Martins-Coelho, M. J. Brito

099 Angiosarcoma of the breast: A single-institution experience

Sónia Dias Carvalho, Portugal

100 Secretory breast carcinoma: Clinical, pathological and molecular analysis

Sónia Dias Carvalho, Portugal

101 Expression of MDM2 and CDK4 in liposarcoma arising in malignant phyllodes tumour – a case report

Mohan Narasimhamurthy, Botswana

102 Breast cancer in young women: A clinicopathological study of an argentinian population

Attilio Andrés Cabrera Cantoni, Argentina
M. P. Roses Videla, A. Videla de Roses

103 Digistain: A novel biomarker imaging platform for grading breast DCIS using routinely processed paraffin sections

Hemmel Amrania, United Kingdom
C. Phillips, S. Shousha, K. Goddard, C. R. Coombes, C. Yoo

104 Intratumoural heterogeneity can impact on the definition of the HER2 “double equivocal” category in breast cancer

Caterina Marchiò, Italy
F. Geyer, L. Verdun di Cantogno, M. Rondon Lagos, C. Dell’Aglio, P. Gugliotta, L. Annaratone, B. Alessandria, A. Balagna, L. Casorzo, A. Sapino

105 Expression of Human Epididymal Secretory Protein 4 (HE4) is negatively correlated with HER2 status in breast carcinomas

Gulden Diniz, Turkey
G. Akoz, S. Ekmekci, Z. Yildirim Ekin, M. Uncel, S. Yardim

106 Loss of nuclear ARID-1A expressions is associated with status of hormon receptors in breast carcinomas

Gulden Diniz, Turkey
M. Uncel, S. Sayhan, G. Akoz, Z. Yildirim Ekin, S. Yardim

108 Comparison of prognostic factors and survival rate of primitive breast sarcoma and sarcoma phyllodes

Marwa Mhiri, Tunisia

109 Increasing diagnostic accuracy of fibroadenoma and benign phyllodes tumour in core biopsy using histopathologic scoring system

Weny Yusnita, Indonesia
E. Hardjolukito, P. Wuyung

110 Neoadjuvant chemotherapy in young breast cancer in women of western Algeria: Survival study

Nawal Nassima Benchiha, Algeria
L. Houti
111 E-cadherin, P-cadherin, beta-catenin and p120-catenin expression in Luminal B (HER-2 positive) subtype of invasive lobular breast cancer
Natalia Kazantseva, Russia
S. Sazonov, Y. Brilliant, A. Brilliant

112 Do NY-BR-1 and CD10 have a prognostic participation in invasive ductal breast carcinoma? An immunohistochemical correlational study
Eiman Adel Hasby Saad, Egypt
R. Oreby

113 Expression of MHC class II-associated invariant chain (Ii; CD74) in invasive breast carcinoma: Its relation to Nottingham prognostic index, hormone-receptors’ and Her-2 immunoprofile
Eiman Adel Hasby Saad, Egypt
R. Khalifa, M. El-Rashidy

116 Breast sebaceous carcinoma – a rare entity. Clinicopathological description of two cases
Tiago Maia, Portugal
I. Amendoeira

001 Interaction of persistent chlamydiapneumoniae infection in endothelial cell switch-mediated immune response on the surface of human atherosclerotic plaques
Nadejda Solovjeva, Russia
A. Lysenko

002 Cardiac papillary fibroelastoma: 15 years’ experience of a central institution
Santiago Ortiz, Portugal
F. Tortosa

003 Aortic stenosis and regurgitation of the elderly follow different processes of collagen ageing
Katsutoshi Miura, Japan
Y. Egawa, T. Moriki

004 Can increased intraplaque microvessels predict acute coronary event? A pathologic study of coronary arteries in 894 human autopsy cases
Atsuko Seki, Japan

006 Histopathological characteristics and clinical correlations in type A acute aortic syndromes patients
Alberto Foà, Italy

008 Phospholamban immunostaining is a highly sensitive and specific method for diagnosing PLN p.Arg14del cardiomyopathy
W. P. Te Rijdt, The Netherlands
Z. J. van der Klooster, A. Vink, A. Suurmeijer

009 Aortopathy: A surgical pathological analyses of 34 cases
Saranya Singaravel, India
P. Vaideeswar, P. Wadhwa, S. Marathe, S. Yadav, P. Mishra

010 Autopsy study of pediatric Takayasu’s Disease
Saranya Singaravel, India
P. Vaideeswar

011 Persistence of left ventricular myocardial sinusoids in an infant
Saranya Singaravel, India
P. Vaideeswar
012 Acute metabolic effects of high glucose alter resistance of cardiomyocytes to oxidative stress
Filip Sedlic, Croatia
A. Sepac, T. Dzombeta, S. Seiferth, Z. J. Bosnjak

013 Methods of estimation myocardial remodelling in cardiopathy
Svetlana Poletaeva, Russia
D. Rozumnyi, A. Suvorov, Y. Yunusova

014 The influence of clinical determinants on cardiac wall geometry: An autopsy morphometric study
Iancu Emil Plesea, Romania
M. Albu, C. D. Uscatu, M. S. Serbanescu, A. A. Ancuta, R. M. Plesea

015 Pericardial pathology: Biopsy or cytology?
Rosa Henriques de Gouveia, Portugal
S. Ramos

016 Loss of second harmonic generation signal (SHG) in the wall of dissected aortas
Konradin Metze, Brazil
G. Vieira-Damiani, F. A. Borges da Silva, R. L. Adam, A. A. de Thomaz, C. L. Cesar

017 A novel method to obtain endothelial cells from coronary arteries in situ for diagnostic purposes
Anton Viktorovich Tarasov, Russia
V. Yurevich Kravtsov, V. Nikolaevich Khirmanov, V. Nikolaevna Ellinidi, K. Wassilew

018 Atypical presentation of aortic arch aneurysm associated with Fallot's Tetralogy
Sihem Darouch, Tunisia
N. Boujelben, M. Kehila, I. Abbes, R. Ben Ghorbel, D. Kacem, H. Reziga, S. Gaigi, A. Masmoudi, K. Mrad

PS-03 Endocrine Pathology
Chairs: Ola Nilsson, Sweden
Stefano La Rosa, Switzerland

002 Prognostic criteria for pituitary adenomas
Lubov Mitrofanova, Russia
P. Konovalov, O. Raspopova, U. Tsyo

003 Somatostatin receptor subtype 2A and 5 expression in medullary thyroid carcinoma
Vera Delektorskaya, Russia
G. Chemeris, A. Pavlovskaya

004 Morphological study of papillary thyroid carcinoma with biomineralization
Roman Moskalenko, Ukraine
A. Romaniuk, M. Lyndin, A. Rieznik

005 Synchronous pheochromocytoma and gastrointestinal stromal tumour in a patient with germline mutation in the TMEM127 gene
José Cameselle Teijeiro, Spain
N. Escudero García, A. Vázquez Boquete, M. Piso Neira, E. Couso Folgueiras, Y. Rico, J. M. Cabezas Agricola, L. Loidi

006 Thyroid findings in a patient with Birt-Hogg-Dubé syndrome
José Cameselle Teijeiro, Spain

007 Hypercalcemic crisis and oncocytic histology may have risk for malignant potential in parathyroid neoplasms
Niraj Kumari, India
N. Chaudhary, P. Shukla, R. Pradhan, A. Agarwal, N. Krishnani

008 Follicular variant of papillary thyroid carcinoma: Clínico pathological study at SKMCH
Safana Sadaf, Pakistan
009 Molecular alterations in the cribriform-morular variant of papillary thyroid carcinoma
José Cameselle Teijeiro, Spain

010 Histopathological profile of papillary thyroid carcinoma in North East region of Romania (Moldavia)
Delia Gabriela Ciobanu Apostol, Romania
S. E. Giusca, L. Lozneanu, C. E. Andriescu

011 Papillary thyroid carcinoma and synnron myofibroblastic sarcoma: Two different tumour or papillary carcinoma showing sarcomatous differentiation?
László Fülöp, Hungary
N. Udvarhelyi, E. Tóth

012 Comparative study of mitotic count and Ki-67 proliferation index to grade pancreatic neuroendocrine tumour: Inter-observer agreement and correlation
Laurine Scherman, France
N. Ramdane, B. Carnaille, C. Do Cao, L. Dibombe, F. Renaud, E. Leteurtre

013 Clinico-pathological features of papillary thyroid microcarcinoma with extracapsular extension
Maya Nourieh, France
A. Pujals, S. Helbert-Davidson, M. Ollier, Y. Allory, P. Gaulard

014 Colorectal neuroendocrine tumours in Japan: Comprehensive multi-institutional survey data
Motohiro Kojima, Japan

015 Differences in the pathological features of papillary thyroid microcarcinomas of <5 mm versus >5 mm: A retrospective analysis of 254 cases
Adela Nechifor-Boila, Romania
A. Cota, E. Szasz, C. Carasca, A. Borda

016 Detection of BRAFV600E point mutation on archived thyroid FNA smears: Assessment of a feasible, reliable DNA extraction technique, validated by successful application in downstream molecular analysis
Adela Nechifor-Boila, Romania
F. Descotes, M. Decaussin-Petrucci, E. Szasz, A. Borda

017 Biomarkers and microRNA expression on gastroenteropancreatic neuroendocrine tumours
Rocio López, Colombia
S. Vega, M. M. Torres, L. E. Barrera Herrera, D. Cañón

018 Osteopontin overexpression in papillary thyroid carcinoma with mineralization
Roman Moskalenko, Ukraine
A. Romanik, A. Rieznik, M. Lyndin, S. Sauliak

019 Involvement of the thyroid gland with lymphoma
Ines Saguem, Tunisia
R. Kallel, S. Kallel, S. Charfi, M. Triki, A. Ghorbel, T. Boudawara, L. Ayadi

020 Thyroglobulin needle washout testing in the monitor of patients with thyroid carcinoma: Analysis of diagnostic accuracy and discrepant results
Elwira Bakula-Zalewska, Poland
E. Musial, M. Dedecjus

021 Encapsulated versus non-encapsulated, diffuse follicular variant of papillary thyroid carcinoma: Two distinct morphological and biological entities
Adela Nechifor-Boila, Romania
A. Cota, D. Piciu, E. Barbus, A. Borda
022 
From breast to, “endocrine brain”: The heterogeneous expression of ErbB family members in pituitary adenomas

Andreea Adriana Jitariu, Romania
A. M. Cimpean, A. R. Ceausu, E. Melnic, M. Raica

023 
GFAP and S100 protein game in pituitary adenomas: Single player or multiplayer configuration?

Andreea Adriana Jitariu, Romania
A. M. Cimpean, A. R. Ceausu, E. Melnic, M. Raica

024 
Minichromosome maintenance protein 7 as marker of aggressive pituitary adenoma

Antonella Coli, Italy

025 
Common origin of carcinoids of the lung and gastrointestinal tract identified by miRNA profiling

Yuichi Ishikawa, Japan
T. Yoshimoto, N. Motoi, N. Yamamoto, M. Fukayama

026 
BRAF V600E immunoexpression in papillary thyroid carcinoma and its association with prognostic factors and histopathologic variant

Erna Kristiani, Indonesia
B. Makes, E. Hardjolukito, A. Harahap

027 
Histopathological pattern of thyroid carcinoma in Sudanese patients: Review of 111 consecutive cases

Ibtihalat Abdelmagid, Sudan
A. Agaimy, A. Zulfu, O. Ibrahim, T. Ali, W. Haider, A. Abdella, A. Marghani, Y. Wahaballa, A. Mukhtar, B. Ishag

028 
Importance of immunohistochemical hormone expression in clinically nonfunctional pituitary adenomas

Irmak Urla, Turkey
Y. Ozluk, S. Yarman, B. Bilgiç

029 
BRAF mutation in poorly differentiated thyroid carcinoma

Suna Erkilic, Turkey
U. Elboga

030 
Comparison of immunohistochemistry and real-time PCR in detection of BRAF mutation in papillary thyroid carcinoma

Suna Erkilic, Turkey
U. Elboga

031 
Evaluation of prognostic value of 2010 WHO classification of gastric neuroendocrine tumours

Olcay Kurtulan, Turkey
N. Turhan, A. Akyol, G. Gedikoglu, C. Sokmensuer

032 
FoxA1 expression in Medullary Thyroid Carcinoma

Daisuke Nonaka, United Kingdom

033 
Multi-gene analysis in lung neuroendocrine tumours

Maria Victoria Comanescu, Romania
M. Dobre, F. Vasilescu, S. Enache, V. Enache

034 
Proteomic profiling identifies novel potential prognostic biomarkers in lung carcinoids

Ida Rapa, Italy
J. Giorcelli, G. Gatti, A. Votta, S. Izzo, L. Di Gangi, S. Vatrano, B. Pergolizzi, M. Papotti, M. Volante

035 
Poorly differentiated thyroid carcinoma-large cell type (PDTC-LC): An experience of an uncommon heterogeneous entity at a tertiary cancer centre

Shubhada Kane, India
A. Verma, A. Patil, M. Menon, A. Chougule

036 
Proliferation activity and cell cycle regulation in parathyroid pathology: An evidence of heterogeneity

Ilze Strumfa, Latvia
A. Abolins, A. Vanags, D. Balodis, G. Kirsakmens, L. Kolomencikova, P. Prieditis, I. Franckevica, J. Gardovskis
037
The landscape of intermediate filaments in parathyroid pathology: The expression pattern and heterogeneity
Ilze Strumfa, Latvia
A. Abolins, A. Vanags, D. Balodis, I. Frankevica, L. Kolomencikova, E. Vasko, D. Gailis, J. Gardovskis

038
Digital analysis of Adrenocortical Carcinomas’ prognostic factors
Tamas Micsik, Hungary

039
Prevalence of thyroid cancer types among submitted thyroid surgical specimens: A 5-year retrospective study from two referral laboratories in Nairobi, Kenya
Ahmed Kalebi, Kenya
M. Mungania

001
Unusual locations of hydatid disease: A 10-year experience from a tertiary reference center in Western Turkey
Eylül Gün, Turkey
D. Etit, D. O. Buyuktalancı, F. Cakalagaoglu

003
Unusually located hydatid cysts: A report of 10 cases
Mohamed Amine Bani, Tunisia
I. Msakni, S. Ben Rejeb, F. Gargouri, D. Ghachem, B. Laabidi, A. Bouziani

004
Diagnostic significance of plasma osteopontin in Hepatitis C induced hepatocellular carcinoma in Pakistani population
Anam Razzak, Pakistan
T. Roome, M. R. Khanani, M. H. Khan

005
Abdominal basidiobolomycosis: A case report
Fatima Ali, Oman
N. Alrahbi, G. Bhatnagar

006
Citologic and molecular study about HPV infection in oropharinge
Leonora Maciel de Souza Vianna, Brazil
R. B. Amorim, A. Bocca, F. Figueiredo, A. B. Motoyama, F. P. Carneiro

008
Do not forget the H&E: Power and limitation of histology in the diagnosis of ID
Danny A. Milner jr., USA

009
Prevalence of HBV and HCV in Sukkar, Pakistan
Saeed Khan, Pakistan
B. Ahmed, M. Zahid

010
Trichinella spiralis impact on mesenchymal stem cells: Immunohistochemical study by image analyzer in murine model
Eiman Adel Hasby Saad, Egypt
M. Hasby Saad

011
Detection of latent TB among health care workers vulnerable to TB exposure in Karachi Pakistan
Amna Shireen, Pakistan
S. Khan

012
Parasites in tropical countries: Own experience from Cambodia
Vathana Serey Chhut, Cambodia
G. Stauch, A. Bankfalvi

001
Electron microscopic investigation in the diagnostics of echinococcosis
Dinar Kaliyeva, Kazakhstan
M. Tussupbekova, Y. Turgunov, A. Nurbekov, G. Fedotovskih, A. Alibekov, A. Balikbayeva
002 Colorectal liver metastasis: Post-operative nodular regenerative hyperplasia and sinusoidal obstructive syndrome in oxaliplatin based chemotherapy
Marisa Gomez Dorronsoro, Spain
P. Azcue, M. d. Rosario Mercado, C. Areán, A. Tariña, E. Mata

003 The expression and role of nuclear EpICD in hepatocellular carcinoma
Woo-Sung Moon, Republic of Korea
S.-Y. Park, E.-J. Cha, J.-S. Bae, K.-M. Kim, S. Lee

004 Comparative morphometric characteristics of microvessels in hepatocellular carcinoma of different nodes sizes
Uliana Tumanova, Russia
O. Mishnev, A. Shchegolev

005 Primary giant cell tumour of the common bile duct: No mutation H3F3A found
Aurélie Beafrère, France
F. Larousserie, S. Dokmak, E. Pasmant, J. Selves, D. Cazals-Hatem

006 Severity histologic score of acute pancreatitis in murine models: Preliminary results
Pedro Silva Vaz, Portugal
R. Caetano Oliveira, A. M. Abrantes, J. C. Encarnação, A. Gouveia, M. Castelo-Branco, M. F. Botelho, G. Tralhão

007 Immunohistochemical expression of Cadherin 17 (CDH17) in non malignant liver tissues and in Hepatocellular Carcinoma (HCC)
Dina El-Azab, Egypt
H. Aiad, A. El-Nabi, S. El-Gammal

008 Evaluation of centrilobular fibrosis in post-transplant liver: Preliminary results
Rachael Saunders, United Kingdom
S. Abou-Beih, S. Masson, F. Oakley, D. Tiniakos

009 Histopathology of the liver in yellow fever after two months of infection: A case report with literature review
Viviane Trak-Smayra, Lebanon
C. Kanaan, D. Jaafar, R. Nasnas

010 Immunohistochemical expression of alpha smooth muscle actin (α-SMA) in hepatocellular carcinoma from Egyptian patients and its relation to various clinicopathological parameters
Doha Maher, Egypt
D. El-Azab

011 The effect of imatinib in various thioacetamide-induced mouse liver fibrosis models
András Rókusz, Hungary
A. Szücs, E. Bugyik, V. Szabó, S. Paku, P. Nagy, K. Dezso

012 Intrahepatic lymphoepithelioma-like cholangiocarcinoma associated with Epstein-Barr virus: A case report
Armanda Szücs, Hungary
A. Rókusz, E. Bugyik, V. Szabó, S. Paku, P. Nagy, K. Dezso

013 Expression of adrenomedullin in chronic inflammatory liver diseases
Samantha Sarcognato, Italy
F. Grillo, S. De Martin, A. Picciotto, V. Guzzardo, F. P. Russo, M. Guido

014 Nectin-1 expression in cancer-associated fibroblasts is associated with poor prognosis of pancreatic ductal adenocarcinoma
Kenichi Hirabayashi, Japan
015
Not only neuroendocrine tumours but also other pancreatic tumours can be accompanied with serous cystic neoplasms even in patients without von Hippel-Lindau syndrome
S.-M. Hong, I.-H. Song, S.-Y. An, S.-Y. Kim, H.-J. Kim, K.-B. Song, D.-W. Hwang, S.-C. Kim, E.-S. Yu

017
Role of metalloproteinase in invasive growth in pancreatic ductal adenocarcinoma
Oxana Paklina, Russia
G. Setdikova, T. Sotnikova

018
KRAS mutation analysis using i-densy in the early diagnosis of pancreatic ductal adenocarcinoma
Atsuko Hadano, Japan

019
High accuracy in scoring by digital immunohistochemistry in research pathology in liver cancer
Daniele Di Capua, Ireland

020
Compromised liver regeneration as an early step in hepatocarcinogenesis
Alexander C. Adam, Germany
R. Büttner

021
Combination immunohistochemistry for SMAD4 and Runt-related transcription factor 3 (RUNX3) may identify a favourable prognostic subgroup of pancreatic ductal adenocarcinomas
Yang-Kyu Lee, Republic of Korea

022
Exosomal markers (CD63 and CD9) expression by Immunohistochemistry (IHC) in Pancreatectomy Specimens (PS)
Javier Laurini, USA

023
Comparison between rejection activity index and national institutes of health grading system in liver biopsies for the diagnosis of graft versus host
Betül Ödüt, Turkey
S. Z. Akı, A. Armutlu, G. Sucak, Ü. Koçak, G. Esendagli, Z. Kaya, G. Akyol

025
Liver metastases from neuroendocrine tumors: Comparison between neuroendocrine immunohistochemical markers
Adriana Caroli-Bottino, Brazil
A. Mauricio, V. Pannain

026
Pancreatic mixed adeno-neuroendocrine carcinomas (MANECs) – report of a series of cases
Gabriel Pop, Romania
A. Mauricio, V. Pannain

028
Microvessels density in liver metastases
Simona Eliza Giusca, Romania
C. Amalinei, E. R. Avadanei, I.-D. Caruntu

029
Hepatocellular adenoma subtypes in São Paulo, Brazil: A preliminary study
Ryan Tanigawa, Brazil
L. Rodrigues de Meirelles, E. Sobroza de Mello, V. Avancini Ferreira Alves
PS-06  Poster Session

Nephropathology

Chairs: Ian Roberts, United Kingdom
Peter Boor, Germany

001
Proliferative glomerulonephritis with monoclonal IgG deposits associated with membrano-proliferative features
Małgorzata Wagrowska-Danilewicz, Poland
M. Danilewicz

002
Differential gene expression pattern in biopsies with renal allograft pyelonephritis and allograft rejection
Anjali Satoskar, USA
S. Oghumu, U. Nori, A. Bracewell, J. Zhang,
C. Bott, G. Nadasdy, S. Brodsky, R. Pelletier,
A. Satoskar, T. Nadasdy

003
Familial occurrence of fibronectin glomerulopathy
Maria Luiza Gonçalves dos Reis Monteiro, Brazil
F. Bichuette Custódio, L. Silvano Araújo,
P. D. M. de Menezes Neves,
V. de Paiva Marques, J. Reis Machado,
M. Antônia dos Reis

004
Renal disease in myeloproliferative neoplasms treated with JAK inhibitor (Ruxolitinib)
Nikolaos Poulianitis, Greece
G. Kazamias, A. Taliadoros,
A. Chatzimarinaki, I. Themeli, C. Vourlakou

006
Associated glomerular lesion in urologic neoplasm: A study based on the evaluation of the non-neoplastic kidney
So-Young Jin, Republic of Korea
H.-J. Noh, W.-J. Yang

007
Keratin 17 marks a specific subset of tubular cells arising during renal injury
Roman David Bülow, Germany
S. Djudjaj, T. Braunschweig, P. Strnad,
J. Floege, P. Boor

008
Pattern analysis in renal amyloidosis: Its role in predicting patient outcome
Saba Kiremitci, Turkey
Z. Kendi Çelebi, B. Ozturk, D. Kankaya,
N. Duman, K. Ates, S. Erturk, G. Nergizoglu,
S. Kutlary, A. Ensari, K. Keven

009
Clinical donor variables and vascular changes noted in pre-implant donor kidney biopsies have no significant influence on graft survival rates
Éva Kemény, Hungary
A. Kiss, A. Fricsk-Nagy, Á. Pintér, K. Boda,
B. Iványi, P. Szenohrdaszy, E. Szederkényi

010
Comparison of the two most frequent morphological patterns, excluding amyloidosis, of kidney involvement in monoclonal gammopathy
Meliha Ozge Tepe, Turkey
Y. Ozluk, M. Sari, H. Yazici, G. Yegen,
M. Nalcaci, I. O. Dogan, I. Kilicaslan

011
Clinical relevance of TGF-beta signaling pathway downstream effectors expression in kidney biopsies
Aleksandar Rakic, Serbia
M. Zivotic, I. Filipovic, S. Cirovic, J. Vještica,
N. Dimkovic, M. Tomic, R. Naumovic,

012
Predictors of chronic kidney disease progression and relevance of NCAM-expressing renal interstitial cells
Isadora Filipovic, Serbia
M. Zivotic, A. Rakic, S. Cirovic, M. Tomic,
D. Paripovic, R. Naumovic, C. Mueller,
G. Mueller, J. Markovic-Lipkovski, J. Vještica

013
The diffuse extent of peritubular capillaritis in late antibody mediated rejection is associated with more severe chronic allograft damage
Nicolas Kozakowski, Austria
F. Eskandary, H. Herkner, R. Oberbauer,
G. Bond, H. Regele, G. A. Böhmg, K. Željko
001
Association between human leukocyte antigen class II and pulmonary tuberculosis due to mycobacterium tuberculosis in Uganda
Dan Wamala, Uganda
H. Buteme, S. Kirimunda, G. Kallenius, M. Joloba

002
Virus distribution in precancerous and neoplastic process esophagus among residents of Mongolia
Gerelee Khatanbaatar, Mongolia

003
C4d deposits and a new diagnostic modality for amyloidosis
Woo-Jung Sung, Republic of Korea

004
Trainee perception of graded responsibility for registrar reporting of histology specimens
Tracy Sorkin, United Kingdom
J. Boissiere, C. Guy, O. McKinney, I. Woodman, D. Zardo

006
Multiple organ involvement in IgG4-related disease, misidentified as medical insurance case of asbestosis, leads to sudden death by endocarditis
Luka Ozretic, Germany
T. Blau, A. Brunn, R. Büttner, J. Fries

007
BAP1 immunohistochemistry and p16 FISH in the diagnosis of malignant peritoneal mesothelioma
Toshiaki Kawai, Japan
K. Kameda, K. Nakanishi, K. Hiroshima

008
Testing tumour cell death and stress responses induced by modulated electro-hyperthermia in 3D cell cultures
Eva Kiss, Hungary
C. Kovago, J. Oster-Weinberg, T. Vancsik, T. Krenacs

009
A comparative morphology of anterior abdominal wall tissues after using bovine-derived peritoneum implant and acellular dermal matrix in the experiment
Ruslan Badyrov, Kazakhstan
N. Abatov, M. Tussupbekova, J. Alberton, K. Abugaliev

010
First results (2010–2015) from a pathology based cancer registry of the largest government run diagnostic and reference center of Karachi
Muhammad Asif Qureshi, Pakistan
T. Mirza, S. Khan, B. Sikandar, M. Zahid, M. Aftab, S. Mohsin, S. Sharafat, L. Avesi, S. Hassan

011
Analysis of histopathology fees in East Africa with comparison to developed countries: Disparities in relation to sustainability and quality of service delivery
Ahmed Kalebi, Kenya

012
Documentation and appropriate completion of medical certification of cause-of-death forms by physicians at a first tier tertiary teaching hospital in a sub-Saharan African country
Cornelius Ukah, Nigeria
A. Nwofor

014
Bone grafts regeneration with composite based on alkali-free bioglass FastOs®BG and beta-TCP: Histopathological study
Lina Carvalho, Portugal
<table>
<thead>
<tr>
<th>Poster Session</th>
<th>Abstract</th>
</tr>
</thead>
</table>
| **PS-08** Poster Session | **PS-08** Cytopathology  
  *Chairs: Henrik Griesser, Germany* Jarošlava Dušková, Czech Republic |

**001**
To correlate cervical smears with Borderline Nuclear Changes (BNC) with follow up biopsies in women from 2010-2014 at Royal Hospital:
A retrospective study  
*Bushra Al-Hatrooshi,* Oman  
G. Bhatnagar

**002**
Subtyping of non-small cell lung carcinoma in fine needle aspiration specimens: A study of 252 patients with surgical correlation  
*Beyhan Mollamehmetoglu,* Turkey  
G. Kocak, H. Erdem, Y. Bekar

**003**
Cytological features of ALK rearranged lung adenocarcinoma  
*Kana Miyata,* Japan  
S. Morita, F. Kondo, Y. Soejima, F. Tanaka, M. Mieno, M. Sawabe

**004**
Usefulness of Maspin, CA 19.9 and p53 in the diagnosis of ductal adenocarcinoma of the pancreas in cell blocks obtained by ultrasound-guided fine needle aspiration cytology  
*Verónica Caamaño Villaverde,* Spain  
L. Mosteiro, M. Gonzalez, A. Nogueira, E. Fernández, M. Atienza

**005**
Rosai-Dorfman Disease diagnosed on fine needle aspiration biopsy in a child: A case report and review of the literature  
*Anderson Mutuiri,* Kenya

**006**
Cytological characteristics of poorly differentiated Squamous Cell Carcinomas (SCC) of the breast: Comparison between cytological findings of invasive ductal carcinoma and apocrine carcinoma  
*Mayumi Kinoshita,* Japan  

**007**
5 year audit of thyroid fine needle aspirate reporting, with emphasis on category Thy3a  
*Dorinda Mullen,* Ireland  
C. Murray, S. Mullins, A. Doyle, E. McDermott, D. Gibbons

**008**
Cell agglutination is a cheap and accurate complement for fine needle aspiration in order to obtain cell-block material  
*Rui Caetano Oliveira,* Portugal  

**009**
Peritoneal fluid cytology in intraperitoneal chemotherapy: Diagnostic pitfalls and cytomorphological findings  
*Yingting Mok,* Singapore  
M. E. Nga

**010**
Efficiency of stylet capillary suction and standard suction technique of Endoscopic Ultrasound-guided Fine Needle Aspiration (EUS-FNA) in solid pancreatic tumours  
*Béla Vasas,* Hungary  

**011**
Prepare cytological samples from washed, peritoneal and bronchoalveolar lavage and cerebrospinal fluid by “Plasmo-Thromboplastin” method  
*Leonora Maciel de Souza Vianna,* Brazil  
014
The rate of high-risk Human Papilloma Virus (HPV) in liquid-based cervical samples from Turkish women
Hatice Seneldir, Turkey
G. Kir, A. Gocmen

015
Synchronous primary breast carcinoma and pancreatic neuroendocrine neoplasm: Role of EUS-FNAC
Eduardo Alcaraz Mateos, Spain
M. J. López Poveda, J. A. López Corbalán, A. López Martín, A. Fernández Sánchez, P. De la Morena Barrio

016
An audit of a pathologist performed US-guided FNAC outpatient clinic: 3 years experience from Akershus University Hospital
Ying Chen, Norway

017
ALK immunohistochemistry on alcohol fixed cytology specimens: A feasibility study
Sarah Kelly, Ireland
M. McNally, J. Harford, A. Fabre

018
Comparison of morphological similarities and differences between liquid based cytology and cytospin techniques of serous effusion cytology specimens
Nurhan Erzurumluoglu, Turkey
S. Ozekinci, Z. B. Erdem, A. Sargan, F. R. Yildiz, E. Vurgun

019
Accuracy of intraoperative touch imprint cytology of breast lesions using core-needle biopsy specimen: A comparison with frozen section diagnosis
Sun-Hee Sung, Republic of Korea
B.-I. Moon

020
Spindle cell tumours of the salivary gland
Bruno Fernandes, Portugal

021
Contribution of BRAF p.V600E mutational study by pyrosequencing in detection of papillary carcinoma by thyroid fine needle aspiration
Maria-Rosa Bella Cueto, Spain

022
Metastatic cancers to thyroid gland and their primary mimickers: A cytomorphologic comparison
Sayanan Chowsilpa, Thailand
S. Rangdaeng

023
Oral cytology and high risk HPV distribution in the oral cancer risk-groups
George Burkadze, Georgia
N. Shonia, T. Muzashvili, M. Gudazde, K. Gogilashvili

024
Telomere length of mesothelial cells in pleural effusion measured using quantitative fluorescence in situ hybridization (Q-FISH) method
Shinsuke Aida, Japan
J. Aida, Y. Tsuura, M. Naoi, K. Takubo

025
Diagnostic accuracy of a limited immuno-panel of Calretinin and Ber-EP4 for diagnosis of malignant effusions
Nosheen Khurram, Pakistan
T. Anis
<table>
<thead>
<tr>
<th>PS-09 Poster Session</th>
<th>Electron Microscopy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair: Josep Lloreta-Trull, Spain</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-09 002</th>
<th>Electron microscopy (EM) is a useful method to discover Primary Ciliary Dyskinesia (PCD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liyla Jafari, Sweden</td>
<td></td>
</tr>
<tr>
<td>C. Ortiz-Villalón</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-09 003</th>
<th>Ultrastructural markers of dysangio- and dysnephrogenesis in Congenital Hydronephrosis (CH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evgenija Kogan, Russia</td>
<td></td>
</tr>
<tr>
<td>L. Severgina, L. Menovschikova</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-10 Poster Session</th>
<th>Gynaecological Pathology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairs: Glenn McCluggage, United Kingdom Simona Stolnicu, Romania</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-10 001</th>
<th>Diagnostic performance of miRNA and HPV E6/E7 mRNA assay on formalin fixed paraffin embedded cervical cancer tissues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kwang-Hwa Park, Republic of Korea</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-10 002</th>
<th>The expression of prolactin and prolactin receptors in ovarian epithelial tumours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nesreen Abdulgawad, Egypt</td>
<td></td>
</tr>
<tr>
<td>M. Masood, S. van Noorden, R. Siraksa, M. Mourad, A. Nouh, E. Lam, M. El-Bahrawy</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-10 003</th>
<th>The usage of atomic power microscopy in nano-histological studies (at the example of preeclampsia)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tatyana Pavlova, Russia</td>
<td></td>
</tr>
<tr>
<td>A. Selivanova, V. Petrukhin</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PS-10 004</th>
<th>The usage of scanning microscopy for exploration of pathology of macro- and microelements in system “mother-placenta-fetus” at eclampsia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tatyana Pavlova, Russia</td>
<td></td>
</tr>
<tr>
<td>A. Selivanova</td>
<td></td>
</tr>
</tbody>
</table>
005 Turner syndrome with mosaicism and translocation of the SRY-gene
    Oxana Ushakova, Russia
    E. Kogan, O. Stupko, Y. Kurjanova

006 Occult uterine sarcoma in a series of hysterectomies performed for benign indications
    Beyhan Mollamehmetoglu, Turkey

007 Ovarian uveal melanoma metastasis showing MLH1/PMS2 protein loss in a patient with Lynch Syndrome
    João Lobo, Portugal

008 Prognostic value of lymphatic and blood vascular invasion in endometrial cancer
    Nicole Visser, The Netherlands
    H. Werner, I. Nagtegaal, J. Bulten, J. Pijnenborg, H. Salvesen, I. Stefansson

009 Tissue microarray use for biomarkers studies in endometrial cancer
    Nicole Visser, The Netherlands
    J. Bulten, A. van der Wurff, J. Pijnenborg, L. Massuger, I. Nagtegaal

010 Ovarian mucinous epithelial neoplasms arising within mature teratomas: About four cases
    Ghada Sahraoui, Tunisia
    R. Doghri, L. Charfi, M. Driss, N. Boujelbene, I. Abbès, K. Mrad

011 Endocervical adenocarcinoma: The impact of pattern-based classification system in clinical decision
    Maria Sotiropoulou, Greece

012 The importance of pathological parameters involved in recurrence and survival of patients with vulvar cancer: A novel insight
    Maria Sotiropoulou, Greece

013 Undifferentiated endometrial carcinoma: Experience with cases from a single cancer center
    Maysa Al-Hussaini, Jordan
    S. Al-Louh

014 Amplification of SOX2 transcription factor is strongly related to HPV status of vulvar carcinomas
    André Gut, Switzerland
    H. Moch, M. Choschzick

015 Interest of an immunohistochemical panel in mucinous ovarian tumours: A study of 29 cases
    Helène Plouhinec, France
    A. Auguste, I. Villa, E. Bentivegna, J.-Y. Scoazec, C. Genestie

016 High-risk HPV detection rate in patients with parakeratotic cells in cervical cytology and its relationship to the CIN2+ lesion
    Gozde Kir, Turkey
    H. Seneldir

017 The rate of high-risk Human Papilloma Virus (HPV) in cervical cytology and its relationship to the CIN2+ lesion
    Gozde Kir, Turkey
    H. Seneldir, M. I. Tosun, C. S. Topal

018 Heterogeneity in PD-L1 expression and CD8+ infiltrates in low grade versus high grade serous ovarian carcinomas
    Oriane Descamps-Dudez, France
    E. Louvet, M. Bernard, A. Auguste, S. Gouy, J.-Y. Scoazec, C. Genestie, J. Adam
021 Circulating serum interleukin-18 and interleukin-10 levels in early diagnosis of ovarian carcinoma patients: A case control study
Sunita Tiwari, India

022 Uterine sex cord stromal tumours: A study of 8 cases
Kedar Deodhar, India
M. Shah, B. Rekhi, S. Menon

023 HPV detection by the Gene Xpert (Cepheid® HPV cytology assay applied on the Formalin Fixed Paraffin Embedded (FFPE) material in the cervical biopical samples
Luigi Baron, Italy
C. Trombetta, M. Postiglione, E. Punzo, M. Elefante, A. Messina, F. Lombari, F. Quarto

024 Papillary thyroid carcinoma arising in ovarian strumal carcinoid
Yi-Kyeong Chun, Republic of Korea
H.-S. Kim, S.-R. Hong

025 Variables predicting persistent and/or recurrent squamous intraepithelial lesions of the cervix after large loop excision of transformation zone
Daja Šekoranja, Slovenia
K. Rebek, U. Salobir Gajšek, A. Repše Fokter, S. Šramek Zatler

026 Adenocarcinoma arising in sacroccocygeal mature teratoma in a 44-year-old female
Fatih Mert Dogukan, Turkey
A. A. Ozagari, K. G. Eken, R. Dogukan, F. Kabukcuoglu

027 Endometrial expression of Leukemia Inhibitory Factor (LIF), LIF-Receptor and HOXA-11 but not HOXA-10 is significantly impaired in women with unexplained infertility during implantation window
Stephanos Milias, Greece
C. Margioula-Siarkou, Y. Prapas, S. Petousis, K. Ravanos, I. Kalogiannidis, G. Mavromatidis, C. Haitoglou, N. Prapas, D. Rouss

028 Immunohistochemistry expression of progesterone and avb3 integrins in the endometrium of fertile and infertile women
Stephanos Milias, Greece
S. Petousis, Y. Prapas, C. Margioula-Siarkou, K. Ravanos, I. Kalogiannidis, G. Mavromatidis, C. Haitoglou, N. Prapas, D. Rouss

029 Tubal-peritoneal junction as a trigger zone for high-grade serous carcinoma pathogenesis
Alexandra Asaturova, Russia
L. Adamyan, L. Ezhova, N. Fayzullina, G. Khabas

030 A histopathologic review of ovarian germ cell tumours at the Lagos University Teaching Hospital, Nigeria
Olubanji Oguntunde, Nigeria
N. Ikeri, A. Banjo

031 Mesenchymal tumours of the cervix: Clinicopathological characteristics of 28 cases
Nadja Boujelbene, Tunisia
S. Mejri, I. Abbes, R. Doghri, M. Khila, L. Charfi, M. Driss, D. Kacem, B. Channoufi, K. Mrad

032 Histone deacetylase (HDAC) 1, 2, 3, 4, 6 and PhosphoHDAC4/5/7 expression in uterine carcinosarcomas
Joana Ferreira, Portugal
R. Luz, F. Silva, A. Felix
033 Disease distribution in low-stage tubo-ovarian high-grade serous carcinoma (HGSC): Implications for assigning primary site and FIGO stage
Naveena Singh, United Kingdom

034 Smooth muscle tumours of the uterine cervix: A clinicopathologic study of 10 cases
Asma Sassi, Tunisia
B. Chelly, H. Azzouz, M. A. Bani, A. Zhani, I. Chelly, S. Haouet, N. Kchir

035 Comparison between two molecular assays (GeneXpert®HPV-Cepheid® vs. Hybrid-Capture2®, hc2-Qiagen®) for detection of HPV-HR and LBC, in a selected women aged screening population (age lower 35 and over 35)
Luigi Baron, Italy
C. Trombetta, M. Elefante, M. Postiglione, E. Punzo, A. Messina, F. Lombari, F. Quarto

036 Paget disease of the vulva: Immunohistochemical analysis of neoangiogenesis and EMT-related markers with clinical-pathological correlation
Lara Alessandrini, Italy
F. Sopracordevole, G. Giorda, L. Moriconi, T. Perin, V. Canzonieri

037 The cervical smear epithelial cell abnormality data of 354,725 patients from 38 pathology laboratories and 45 hospitals in Turkey
Ilknur Turkmen, Turkey
Turkish Pathology Federation-Gynaecopathology Working Group

038 Low grade endometrioid stromal sarcoma of the uterus: A clinicopathological study of 8 cases
Selma Chaieb, Tunisia

039 Mammary serine protease inhibitor and CD138 immunohistochemical expression in ovarian serous and clear cell carcinomas
Eiman Adel Hasby Saad, Egypt

040 The role of estrogen receptor subtypes (alpha, beta and GPR30) in endometrial carcinogenesis
Hilal Özakinci, Turkey
S. Yuksel, C. Cansiz Ersöz, D. Kankaya

041 Malignant tumour associated with ovarian mature teratoma: A single institution experience
Bahar Muezzinoglu, Turkey
L. Trabzonlu, G. Durmaz, C. Vural, A. Corakci

042 Heterogeneity of caveolin expression in ovarian carcinoma
Irina-Draga Caruntu, Romania
S. E. Giusca, R. Balan, L. Lozneanu

043 Detection of high risk human papillomavirus in vaginal cytology from patients underwent total hysterectomy for cervical intraepithelial neoplasia grade 2 or worse (CIN2+)
Meryem Dogan Altunpuluk, Turkey
G. Ayranç, A. N. İhvan, H. Mollamemisoglu, I. E. Zemheri

044 Intratumoural heterogeneity of endometrial carcinomas
Carla Bartosch, Portugal
C. Silva, J. M. Lopes

045 Are eosinophils a specific marker of chronic endometritis?
Debra Heller, USA
B. Perlman, L. Goldsmith

047 Histological characteristics of Human Papillomavirus-associated and -independent squamous cell carcinomas of the vulva: A study of 1636 cases
Natalia Rakislova, Spain
A. Saco, J. de la Oliva, R. Kilzieh, J. Ordi, A. Sierra, O. Clavero, L. Alemany, S. De San José, J. Ordi
048 Is invasive micropapillary serous carcinoma a low-grade serous carcinoma? 
Yoshihiro Ohishi, Japan
M. Aman, Y. Oda

049 Diagnostic morphological and immunohistochemical features of molar pregnancies and their relations to the progression to persistent gestational trophoblastic disease
Mohammad Arafa, Egypt
M. Khashaba, E. Elsalkh, R. Hemida, W. Kandil

055 Clinicopathological characteristics and rituximab-plus cytotoxic therapies in patients with rheumatoid arthritis and methotrexate-associated large B-lymphoproliferative disorders
Morishige Takeshita, Japan
K. Yamada, Y. Oshiro, S. Okamura

056 Detection of Epstein-Barr virus in classical Hodgkin’s lymphoma by immunohistochemistry: A study of 60 cases at University of Damascus, Syria
Mary Elias, Syrian
L. Al-Haffar

001 Accuracy of Fine Needle Aspiration Biopsy in diagnosing malignant lymphadenopathy in Yogyakarta, Indonesia
Ery Kus Dwianingsih, Indonesia
C. Priska Adelin, I., M. S. Hardianti, F. X. Ediati Triningsih

002 The utility of fascin and CD83 in the differential diagnosis of mediastinal large B-cell lymphomas
Majd Khader, Jordan
T. Aladily, M. Sughayer, A. Alsughayer, R. N. Miranda, L. J. Medeiros

003 CD30 and IgG4 are useful diagnostic markers of sclerosing angiomatoid nodular transformation of the spleen
Wei-Chin Chang, Taiwan

004 Evaluation of P53 protein expression in patients with Myelodysplastic Syndrome (MDS): Prognostic impact
Eliano Cascardi, Italy
A. Napoli, G. Ingravallo, G. Specchia, E. Maiorano, L. Resta

007 Non Hodgkin’s lymphomas of the palatine tonsil: Anatomoclinical study about 21 cases
Khalida Mekhelef, Algeria
A. Slimani, F. Acherar, S. Ouldslimane, K. Bouzid-Bendisari

008 Autoimmune lymphoproliferative syndrome caused by a rare mutation of the FAS gene: A case report
Mikk Abram, Estonia
T. Leismann

009 Expression of cyclin D1 and p53 protein as prognostic factor at different stages and beta-2 microglobulin level of multiple myeloma
Jurijs Nazarovs, Latvia
R. Kleina, S. Lejniece

010 Peculiarities of lymphomas in the Volga Region of Russian Federation
Semyon Petrov, Russia
T. Akhmetov, M. Lisina

011 Extranodal Diffuse Large B Cell Lymphomas (EN-DLBCLs): Many sites, many entities?
Francesca Magnoli, Italy
B. Bernasconi, L. Vivian, S. La Rosa, F. Sessa, M. G. Tibiletti, S. Uccella
013
Hemophagocytic Lymphohistiocytosis (HLH) in burn patients at the University of Texas Medical Branch: Retrospective autopsy study (1992–2014)
Juan P. Olano, USA
J. Cervantes, C. Marquez

014
Evaluation of Castleman disease: A series of 50 cases
Emine Kılıc Bagır, Turkey
A. Acikalin, S. Paydas, M. Ergin

015
Burkitt lymphoma in paediatric Sudanese patients: Sporadic type in endemic area
Ihsan Abdelhalim, Sudan
A. Humeida, A. Ismail

016
T-cell/histiocyte rich large B-cell lymphoma: Morphological and immunohistochemical examination of 42 cases
Hafize Ozdemir, Turkey
N. Ozsan, M. Hekimgil

017
Burkitt lymphoma variant in the monomorphic B cell post-transplant lymphoproliferative disorders: About clinical and histopathological aspects of 4 cases
Javier Martin Lopez, Spain
C. De Miguel, D. García Fresnadillo, G. Anze, Y. Vicente, C. Bellas, P. Martin

019
Phospho-histone-H3 (phH3) immunohistochemistry based mitotic index identifies histological grade in follicular lymphoma
Judit Bedekovics, Hungary
G. Irsai, K. Hegyi, L. Beke, L. Gergely, L. Krenacs, G. Mehes

020
Extranodal T/NK cell lymphoma: A retrospective study of 8 cases
Selma Chaieb, Tunisia

021
Differential diagnosis of small B cell lymphomas with plasma cell differentiation
Hale Kivrak, Turkey
G. Kaygusuz, M. Özcan, I. Kuzu

022
A rare case of Erdheim-Chester disease in a small population island
Elena Theofanous, Cyprus
P. Paleomyliitis

023
Renal intravascular large B-cell lymphoma
Wilfried Akpo, Morocco
N. Bennani

PS-12 Poster Session

Head and Neck Pathology
Chairs: Tim Helliwell, United Kingdom
Silvana Di Palma, United Kingdom
Alessandro Franchi, Italy

001
Clinico-pathologic characteristics of head and neck sarcomas: A retrospective analysis of 50 cases in a Tunisian institution
Ines Saguem, Tunisia
M. Mellouli, R. Kallel, M. Triki, M. Sellami, M. Ksentini, N. Gouiaa, T. Boudawara

002
The role of PI3K/AKT pathway in cell proliferation and apoptosis in oral Squamous Cell Carcinoma
Alfredo Ribeiro-Silva, Brazil
A. Duarte, G. Silveira

003
Early stage minor salivary gland adenoid cystic carcinoma has favorable prognosis
Hanna Hämetsalo-Loiri, Finland
K. Hirvonen, J. Hagström, K. Saarilahti, S. Apajalahti, C. Haglund, A. Mäkitie, L. Bäck

004
Differential expression of Epithelial Cell Adhesion Molecule (EpCAM) in salivary gland neoplasms
Ekarat Phattarataratip, Thailand
M. Masorn, W. Jarupoonphol, S. Supatthanayut, P. Saeoweiang

007
Histopathological and immunohistochemical studies of long term administration of nutmeg on parotid salivary glands in albino rats
Sherein Saeid Abdelgayed, Egypt
M. EL-Sakhawy
008 Clinico-pathological patterns of salivary gland tumours among Sudanese patients
Somaya Hamid, Sudan

009 Diagnostic accuracy of intraoperative frozen section in thyroid nodules
Beyhan Mollamehmetoglu, Turkey
A. Livaoglu, H. Erdem

010 Snail and Twist expression in salivary adenocarcinoma, not otherwise specified: A pilot study
Kyu-Young Oh, Republic of Korea
H.-J. Yoon, J.-I. Lee, S.-D. Hong

011 Chronic invasive fungal granulomatous rhino-sinusitis: A case report with review of literature
Nicholas Awolola, Nigeria
R. Oladele, R. Akinde, B. Bamgboye, O. Oguntunde

012 Clinico-pathological features of non-keratinizing carcinoma of nasal cavity and paranasal sinus
Honggang Liu, People’s Republic of China
Y. Zhao, C. He, Y. Piao, C. Yue, Y. Jin, X. Li

013 A case report of laryngeal amyloidosis
Aikaterini Tsavari, Greece
K. Koulia, G. Sotiropoulou, E. Arkoumani, T. Vasilakaki, K. Manoloudaki

014 Clinico-pathological characteristics and prognosis of primary nasopharyngeal adenocarcinoma: A report of 73 cases
Mu-Yan Cai, People’s Republic of China

015 Pituitary endocrine tumours presenting as sinonasal or nasopharyngeal masses: A case series illustrating potential diagnostic pitfalls
Martin Hycrza, Canada
O. Mete, S. Ezzat, S. Asa

016 Case report: Cribriform adenocarcinoma of the tongue and minor salivary glands
András Lantos, Hungary
E. Tóth

017 Diagnostic accuracy of Bethesda System for FNA cytology of thyroid nodules measured by likelihood ratios
Nickolas Myles, Canada
S. Wiseman, E. Todorovic, B. Sheffield, B. Walker

018 Palatal mucoepidermoid carcinoma with acral cutaneous metastasis at presentation
Shehu Abdullahi, Nigeria
A. Liman, G. Waziri, K. Balarabe, D. Sulaiman

019 Patterns of carcinoma of head and neck region in a tertiary hospital in Northern Nigeria: A five year review at Ahmadu Bello University Teaching Hospital, Zaria
Kabir Balarabe, Nigeria
A. Liman, S. A. Ahmed, G. D. Waziri, D. Suleiman, A. Shehu, M. Abubakar

020 Primary intraosseous Squamous Cell Carcinoma (SCC) in keratocystic odontogenic tumour: Two case report
Burcu Senguven, Turkey
E. Baris, O. Ozer Yucel, B. Yildirim, S. E. Gultekin, O. Gunhan

021 Uveal melanoma: Morphological and epidemiological analysis
Aigul Sapargaliyeva, Kazakhstan
B. Bastimiyeva, A. Balmukhanova, D. Abdrakhimova

023 Thyroid-like low grade nasopharyngeal papillary adenocarcinoma: A case report
Hatice Seneldir, Turkey
G. Kir, C. S. Topal, M. I. Tosun

024 The role of caspase-4 gene expression in apoptotic pathway of oral carcinogenesis
Burcu Senguven, Turkey
L. Arslan, O. Ozer Yucel, S. E. Gultekin
025 Hormonal factors expression in recurrent pleomorphic adenoma
Ana Amélia Souza, Brazil
A. Altemani, V. Araújo, A. Soares

026 Merkel cell carcinoma arising in Warthin tumour: An extremely rare entity with limited experience and little available information in the literature
Sofia Pappa, Greece
A. Dimitriadi, A. Linardou, B. M. Michaelides, G. Panselinas, Z. Pappas, G. Kakiopoulos, T. Choreftaki

027 The expression of epithelial-mesenchymal transition and cancer stem cell markers in oral dysplasia and cancer
Sibel Elif Gultekin, Turkey
O. Ozer Yucel, B. Senguven, L. Arslan

028 Characterisation of DOG-1 expression in salivary gland tumours
Syed Ali Khurram, United Kingdom
G. Abudib, P. Speight

030 Neuroendocrine differentiation in mucosal malignant melanomas os sinonasal and oral regions
Zeynep Özgül, Turkey
F. Canaz, M. Acikalin, E. Yilmaz, O. Pinarbasli, S. Isiksoy

031 Sinonasal adenocarcinoma: A 20-year experience at a single institution
Miguel Rito, Portugal
I. Fonseca

032 Thyrolipoma and thyrolipomatosis: 3 case reports
Slim Charfi, Tunisia

033 Histopathological differences between primary Sjögren's Syndrome and Sjögren's Syndrome accompanied by scleroderma
Ulku Kucuk, Turkey
S. Sarioglu, P. Cetin, I. Sari, M. Birlik

035 Salivary gland tumours: The importance of molecular pathology
Catarina Meireles, Portugal
S. Carvalho, A. Galagher, C. Araújo, J. Vieira, M. Teixeira, R. Henrique, M. Jácome

036 Chordomas of the head and neck region
Busra Hayit, Turkey
D. Arik, E. Yilmaz, M. Acikalin, O. Pasaoglu

037 Granular cell tumour: Report of seven cases
Ioannis Provatas, Greece
C. Kouvidou, G. Kyriakopoulos, K. Pavlou, E. Papagianni, C. Magkou, C. Vourlakou

038 TERT promoter mutations in laryngeal squamous cell carcinomas
Ismail Yilmaz, Turkey
B. E. Erkul, S. Öztürk Sari, G. Narli, Z. Kucukodaci, S. Yildirim

039 Peripheral odontogenic myxofibroma of the maxilla: A case report and literature review
Poramate Pitak-Arnnop, Germany
K. Dhanuthai, A. Pimkhaokham, K. Subbalekha, S. Mokros

040 A rare neoplasm of trachea: Inflammatory myofibroblastic tumour
Zeynep Sagnak, Turkey
S. Ersoz, M. E. Ercin

041 Clear cell follicular adenoma of the Thyroid: A diagnostic challenge
Sirine Bouslema, Tunisia
A. Blel, A. Arfaoui, N. Znaidi, R. Aloui, Y. Zidi, S. Rammeh

042 A rare case of NUT midline carcinoma of the parotid gland
Joana Ferreira, Portugal
R. Afonso, C. Zagalo, A. Felix
043 Dentin dysplasia type 1 in an orthognathic patient: A case report and literature review
Poramate Pitak-Arnnop, Germany
A. Schwarz, N. Schwarz, S. Mokros

044 Next Generation Sequencing analysis of ameloblastomas
Sibel Elif Gultekin, Turkey
R. Aziz, B. Senguven, C. Heydt, R. Büttner

045 Rhinosporidiosis: Report of four cases from the Eastern Province of Rwanda
Isabelle Izimukwiye, Rwanda
M. C. Ndayisaba, D. Mbarushimana, V. Bigirimana, B. Rugwizangoga, A. Laga

047 Sinonasal primitive neuroectodermal tumour: An unusual presentation and outcome
Ghada Sahraoui, Tunisia
S. Nechi, R. Daoued, F. Khanchel, A. Douggaz, E. Chelbi, I. Abbès

048 Twist, snail, integrin beta-1 and e-cadherin expression in odontogenic lesions
Benay Yıldırım, Turkey
F. Museyibov

049 Factors that may influence polymorphous low-grade adenocarcinoma progression
Andresa Soares, Brazil
E. Martínez, M. C. Aguiar, C. Furuse, M. Sperandio, V. A. Montalli, N. Araújo, V. Araújo

050 Accuracy of fine needle aspiration of thyroid nodules compared to histopathological examination
Linda Bel Hadj Kacem, Tunisia
N. Znaïdi, Y. Zidi, A. Blel, M. Ben Salah, S. Rammeh

052 Castleman’s disease mimicking a parotid tumour
Sumeyye Ekmekci, Turkey

053 Analysis of BRAF V600E (VE1) protein expression and BRAF mutation status in salivary gland cancers
Magdalena Bodnar, Poland
P. Burduk, P. Szczodruch, M. Jarmuz-Szymczak, M. Gießing, M. Wierzbicka, A. Marszalek

054 The inorganic pyrophosphatase (PPA1) expression as the new potential metastatic parameter in laryngeal squamous cell carcinoma (LSCC)
Magdalena Bodnar, Poland

055 Lymphomas of Waldeyer’s Ring: Clinico-pathologic study of 22 cases
Fatma Khanchel, Tunisia
H. Kilani, S. Nechi, A. Douggaz, E. Chelbi, R. Ben Hamouda, N. Znaïdi, N. Boujelbene

057 Papillary carcinoma arising in a thyroglossal duct cyst: A case report
Ana-Maria Teodora Domşa, Romania
A. R. Trif, M. Muresan, D. Crisan

059 Polymorphous low-grade adenocarcinoma of the parotid gland: A case report
Katarina Horvat Pavlov, Croatia
L. Manojlovic, M. Meter, S. Gašparov, S. Manojlovic

060 Dedifferentiated epithelial-myoepithelial carcinoma of the parapharyngeal area: Case report
Eda Yılmaz Akçay, Turkey
T. Canpolat, A. N. Erkan, P. Börcek, O. Gunhan

061 Sporadic endolymphatic sac tumour: Case report and review of the literature
Eda Yılmaz Akçay, Turkey
G. Ö zgün, S. Jafarov, B. H. Ozdemir
**002**  
**PD-L1 expression in NSCLC and biopsy size**  
**Izidor Kern**, Slovenia  
M. Kovacevic, U. Janzic, T. Cufer

**003**  
**Role of the stem cell niche of respiratory acini in lung tissue remodeling in idiopathic interstitial pneumonia and pulmonary sarcoidosis**  
**Evgenija Kogan**, Russia  
S. Demoura, U. Kirillov

**004**  
**The role of TRAP1 in the assessment of invasion in lung adenocarcinoma with lepidic pattern**  
**Mee-Sook Roh**, Republic of Korea  
H.-J. Koh

**005**  
**Four-year audit on molecular testing in metastatic lung cancer on small biopsy/cytology samples in an Irish rapid access lung cancer centre**  
**Aurelie Fabre**, Ireland  
T. Brady, J. Murphy, D. Timlin, E. Hanrahan, C. O’Brien, S. Finn

**006**  
**Pulmonary placental transmogrification: The last 16 years in a reference center**  
**Santiago Ortiz**, Portugal  
F. Tortosa

**008**  
**Experience in determine ROS 1 with immunohistochemistry and FISH in primary lung adenocarcinoma in the 12 de Octubre hospital from 2013-2016 (Madrid, Spain)**  
**Greissy Tibisay Vázquez Benítez**, Spain  
A. B. Enguita Valls

**009**  
**Fluorescent in situ hybridization analysis of the ALK gene in 2045 non-small cell lung cancer patients from Northwest Spain (Galicia)**  
**Ihab Abdulkader Nallib**, Spain  

**011**  
**Microvascular proliferation is associated with aggressive tumour features and reduced survival in lung adenocarcinomas**  
**Maria Ramnrefjell**, Norway  
C. Aamelfot, L. Helgeland, L. Akslen

**012**  
**Recurrent chronic thromboembolic pulmonary hypertension due to occult pulmonary intimal sarcoma**  
** Hatsue Ishibashi-Ueda**, Japan  

**013**  
**Histological conformity of primary lung carcinoma type in biopsy and operation material**  
**Agita Jukna**, Latvia  
I. Strumfa, A. Vanags, J. Gardovskis

**014**  
**The histopathological and immunohistochemical charasteristics of malignant pleural mesothelioma and its microenviro-ment: A study of 116 cases**  
**Cyril Habougit**, France  
P. Dal-Col, M. A. Mobarki, O. Tiffet, B. Trombert Paviot, J. M. Vergnon, P. Fournel, M. Pêoch, F. Forest

**015**  
**Prognostic significance of Glycine Decarboxylase and HIF-1 alpha expression in early stage NSCLC**  
**Sabina Berezowska**, Switzerland  
J. Galván, R. Langer, L. Bubendorf, S. Savic, M. Gugger, R. A. Schmid, T. M. Marti
016
Loss of BRCA1 Associated Protein 1 (BAP1) is rare in lung adenocarcinoma
Daniel Owen, Canada
B. Sheffield, D. Ionescu, A. Churg

017
Epithelial-mesenchymal transition in patients of pulmonary adenocarcinoma: Correlation with cancer stem cell markers and prognosis
Woo-Jung Sung, Republic of Korea
J.-W. Joung, H.-K. Oh, K.-K. Park

018
Audit of surgical lung biopsies for interstitial lung diseases, with emphasis on 90-day survival data in a tertiary referral thoracic surgery specialist centre
Klara Doherty, The Netherlands
D. Eaton, K. Redmond, A. Fabre

019
External quality assessment of PTEN immunohistochemistry: Challenging pathologist's eye with computer-based intensity measurement in the ETOP Lungscape project
Undine Rulle, Switzerland
Z. Tsourti, A. Warth, M. Calabuig, E. Verbeke, A. Sejda, R. Kammler, L. Bubendorf, A. Soltermann, o. b. of the ETOP Lungscape Consortium

020
Is better prognostic stratification of lung carcinoid tumours possible?
Luka Brcic, Austria
M. Heidinger, A. Zenko Sever, M. Feeduk, M. Jakopovic, S. Seiwther, F.-M. Smolle-Jüttner, H. Popper

021
Contributions of cytology examination in the diagnosis of non small cell lung tumours: A retrospective study
Sarra Ben Rejeb, Tunisia
I. Msakni, M. A. Bani, F. Gargouri, D. Ghachem, O. Bel Hadj Amine, B. Laabidi, A. Bouzaiani

022
Quantitative expression analyses of TTF-1 in NSCLC
Veit Bertram, Germany
C. Zacharia, F. Langer, R. Bohle

023
Pleural malignant mesothelioma: Evaluation of histopathological types and interventional diagnostic methods
Halide Nur Ürer, Turkey
S. Altin, I. C. Kocaturk, N. Arda

024
Histopathological study of pulmonary cysts in Birt-Hogg-Dube Syndrome
Yukio Nakatani, Japan
M. Furuya

025
Primary mucoepidermoid carcinoma of the lung: A case report
Jelena Dzambas, Serbia
I. Aleksic, S. Ristic, O. Radic Tasic, S. Cerovic

026
PD-L1 expression in primary lung carcinoma and lymph node metastasis
Mile Kovacevic, Slovenia
I. Kern, U. Janzic

028
Lung adenocarcinoma with enteric differentiation: Immunohistochemical and molecular profiles
Alessia Nottegar, Italy
F. Tabbò, C. Luchini, N. Veronese, G. Inghirami, M. Chilosi

029
Rate of EGFR, KRAS, HER2 and BRAF mutations and ALK rearrangement of metastatic lung adenocarcinoma according to the site of specimen: A study of 1400 cases
Mousa Abdu Mobarki, France

030
Central versus peripheral carcinoid tumours of the lung
Daisuke Nonaka, United Kingdom

031
Caveolin-1 in the differential diagnosis of malignant mesothelioma and lung adenocarcinoma
Zehra Bozdag, Turkey
E. Tutar, O. F. Dizibuyuk, K. Bakir
032 Pulmonary and cutaneous remodeling in mice model of systemic sclerosis
Walcy Rosolia Teodoro, Brazil
L. Araujo dos Santos, S. Catanozi, P. C. Andrade, A. dos Santos-Filho, S. de Moraes Fernezlian, E. Miristene Eher, A. P. Pereira Velosa, V. Capelozzi

033 PTEN and pAKT differs in histological subtypes in NSCLC
Agnes Csanadi, Germany

034 Subcellular localization of PTEN and pAKT correlates with histological grading in NSCLC
Agnes Csanadi, Germany

035 Automated ALK and ROS1 FISH: A comparison between Leica Biosystems Kreatech FISH Probes for BOND and manual FISH
Anthony O’Grady, Ireland
S. Curry, E. Kay, P. Wong

036 Determination of EGFR by liquid biopsy in patients with primary large cell carcinoma of lung from November 2015 until March 2016 at the University Hospital 12 de Octubre (Madrid, Spain)
Greissy Tibisay Vázquez Benítez, Spain
S. Álvarez Díaz, A. B. Enguita Valls

037 Prognostic significance of nuclear grade in malignant pleural mesothelioma: A single institution experience
Simge Erbil, Turkey
B. Yaman, A. Çevik, Y. Ertan, A. Özdil, A. Veral, D. Nart

039 Histology versus cytology in the diagnosis of small cell lung cancer: Is it a real advantage?
Mohamed Amine Bani, Tunisia
I. Msakni, S. Ben Rejeb, L. Bel Hadj Kacem, D. Ghachem, F. Gargouri, O. Bel Hadj Amine, A. Bouziani, B. Laabidi

040 Mesenchymal stem cells- and conditioned medium reduce fibrosis in pulmonary parenchyma but promote increased artery adventitia remodeling in bleomycin-injured mice
Alexandre Todorovic Fabro, Brazil

041 Phosphatase and tensin homolog (PTEN) is upregulated in the matricellular stroma of non-small cell lung carcinoma
Karl-Friedrich Deml, Switzerland

042 Pulmonary epithelioid haemangioendothelioma – a case report
Nora Derrabi, Morocco
F. Marnissi, M. Karkouri

043 Sclerosing pneumocytoma – about two cases
Nora Derrabi, Morocco
M. Karkouri, F. Marnissi

044 Pulmonary Alveolar Microlithiasis. Case report and literature review
Marcellin Champagnat Mugabe, Rwanda
M. Didas, K. Raphael, A. Laga

045 Blood sample-based New Generation Sequencing detects circulating free MicroRNA from acute pulmonary thromboembolism (liquid biopsy)
Juliana Rodrigues Machado, Brazil
046 Mutation profile and protein expression for predictive testing in lung adenocarcinoma: A study of 200 patients from Brazil
Juliana Rodrigues Machado, Brazil

047 Lung cancer of clinically unknown primary: An autopsy-based study
Eva Kocsmár, Hungary
I. Kocs-mar, J. Karczub, A. Kiss, Z. Schaff, G. Lotz

048 EGFR mutational status in a series of non-small cell lung carcinomas: Data from daily practice
Ljiljana Tadic Latinovic, Bosnia and Herzegovina
Z. Eri, A. Salapura, L. Novakovic Lackovic, M. Stanetic, J. Stanic

049 Clinicopathological and histomorphological features of congenital cystic adenomatoid malformations: Characteristics of mucinous epithelium
Emine Bozkurtlar, Turkey
I. Erbarut Seven, R. A. Ahiskali

050 Pleural NUT carcinoma with unusual chromosomal rearrangement
Xiaogang Wen, Portugal
A. Furtado, A. Sanches, D. Tente

051 Diffuse pulmonary meningotheliomatosis: A rare entity
Irem Hicran Ozbudak, Turkey
O. Ozbudak, A. Erdogan

Thymic and Mediastinal Pathology
Chairs: John Chan, Hong Kong
Alexander Marx, Germany

001 Mediastinal tumours and cysts: Analysis of 142 cases
Beyhan Mollamehmetoglu, Turkey
H. Erdem, M. A. Celik, F. K. Cimen

002 Primary thymic seminoma emerged from fourth mediastinal branchial cleft cyst-first case reported
Flavia Porcescu, Romania
A. Neicu, G. Becheanu, S. Enache, V. Enache, F. Vasilescu, L. Chiriac, C. Vasile, C. Mehotin

003 Thymolipoma associated to a thymic cyst: A case report
Meryem Rais, Morocco
F. Zouaïdia, S. Bellarbi, N. Mahassini

004 Immunohistochemical expression of p16, a surrogate marker for Human Papilloma Virus (HPV), in oesophageal squamous carcinoma and its clinical significance
Pranjal Gugalia, India
R. Kumar, S. Desai, K. Prabhash, G. Karimundackal, C. S. Pramesh, S. Laskar, N. Jambhekar, V. Noronha, J. Agrawal

005 Primary thymic adenocarcinoma with signet ring cells: An unexpected autopsy finding
João Fraga, Portugal
C. Abrantes, P. Serra, R. Oliveira, H. Garcia, L. Prado e Castro

006 Mediastinal composite hemangoendothelioma: Case report of rare vascular tumour with unusual location
Dalma Udovicic-Gagula, Bosnia and Herzegovina
A. Hadzismailovic, F. Jukovic Bihorac, N. Bilalovic
007
A schwannoma arising in a mediastinal lymph node: A case report
Panagiota Ravazoula, Greece
K. Kekempanou, E. K. Nikolatou,
D. Koumoundourou

009
Clinicopathological and histomorphological features of thymic cysts: Is thick fibrous wall associated with multilocular presentation?
Emine Bozkurtlar, Turkey
D. Filinte, R. A. Ahiskali

New format! Best Poster Sessions
The best posters of each topic will be presented during the afternoon coffee break (16:45–17:15 Monday–Wednesday, 16:00–16:30 Thursday) at the E-Poster terminals in Hall 11.3.
PS-15  Poster Session
Dermatopathology
Chairs: Wayne Grayson, South Africa
Erhard Bierhoff, Germany

001
Skin expression of mammalian Target of Rapamycin (mTOR), Forkhead box transcription factor1 (FoxO1) and serum level of Insulin-like Growth Factor-1 (IGF-1) in patients with acne vulgaris and their relations to diet
Dina Abdallah, Egypt
N. Agamia

002
p53 gene mutations in non melanoma skin cancers
Nazish Jaffer, Pakistan
S. Kehar

003
Skin stripping method using proteases to evaluate structural stability by a scanning acoustic microscope
Katsutoshi Miura, Japan
Y. Egawa, T. Moriki

004
Reliability and usefulness of BRAF and NRAS mutational analysis in sentinel lymph nodes of melanoma patients
Christian Haas, Germany
H. Arnholdt, H. Starz

006
Recurring multifocal cutaneous leiomyosarcomas in a patient with childhood history of bilateral retinoblastoma
Adrian Dumitru, Romania

007
Expressomics investigation of MHC II positive areas in melanoma
Francesca Maria Bossoio, Belgium
Z. Kalender Atak, J. Wouters, J. van den Oord

008
In situ evaluation of the correlation between the pattern of tumour infiltrating lymphocytes, INF-gamma levels and MHC molecules expression in melanoma metastasis: Remarks to the current morphologic classification
Francesca Maria Bossoio, Belgium
M.-S. Dheur, J. Wouters, N. Volders, M. Stas, N. van Baren, J. van den Oord

009
NAD(P)H dehydrogenase, quinone 1 (NQO1) protects melanin-producing cells from cytotoxicity of rhododendrol
Ayaka Okubo, Japan
M. Nishiya, S. Yasuhira, C. Maesawa, T. Masuda

010
A unique haematopoietic malignancy in a 73 year old Iranian male
Elizabeth Smyth, Ireland
C. Shilling, J. Quinn, G. Murphy, M. Leader

011
Correlation between clinico-pathological features of oral lichen planus and concomitant treatments
José Manuel Suárez Peñaranda, Spain
P. Boñar Áñvarez, M. Pérez Sayáns, P. Gándar Vila, E. Otero Rey, R. Luces González, C. Aliste, A. Blanco Carrión

012
Value of the histopathological features in predicting B-RAF status in cutaneous malignant melanoma
José Manuel Suárez Peñaranda, Spain
O. Figueroa Silva, A. Estany Gestal, M. Bouso, C. Aliste, M. D. Sánchez Aguilar

013
The first Danish family reported with an AQP5 mutation presenting diffuse non-epidermolytic palmoplantar keratoderma, hyperhidrosis and frequent corynebacterium infections
Anne Bruun Kreigård, Denmark
L. E. Hetland, O. Clemmensen, D. C. Blaydon, J. M. Hertz, A. Bygum
014 Cutaneous nocardiosis
Eyfthymia Tsiliaka, Greece
A. Linardou, S. Pappa, A. Dimitriadi, C. Karambogias, E. Mpoulios, P. Konstantopoulou, G. Kakiopoulos

015 Squamousoid eccrine ductal carcinoma: Report of two cases
Hulya Sahin, Turkey
F. E. Kombak, Z. D. Akdeniz Dogan, Z. L. Cinel

016 The relations of JAK-STAT signaling expressions to MCPyV-infection and outcome in Merkel cell carcinomas
Michiko Matsushita, Japan

017 Extramammary Paget disease in a seborrhoeic keratosis: A colonized tumour?
Anna Linardou, Greece
B. M. Michaelides, A. Kostopoulou, A. Dimitriadi, S. Pappa, A. Karonidis, E. Papaliodi, T. Choreftaki

018 Metastatic malignant melanoma in bone marrow report of a rare case
Georgios Kalodimos, Greece
P. Skoufogiannis, S. Laфонiatis, V. Pappi, P. Fanourgakis, A.-M. Feritsean

019 Acute Generalized Exanthematous Pustulosis (AGEP): Case report
Georgios Kazamias, Greece
A. Taliadoros, A. Chatzimarinaki, N. Poulianitis, I. Themeli, C. Vourlakou

020 A case series of cutaneous Penicillium marneffei infection emphasising on histopathology
Worapop Suthiwartnarueput, Thailand
P. Chakkavittumrong, P. Sittiwattanawong, N. Pruetoongpun, P. Rerkmitrit

021 Primary cutaneous myoepithelial carcinoma: A misleading tumour
Sarra Ben Rejeb, Tunisia
D. Ghachem, A. Dhaoui, W. Bayouhd, A. Souissi, A. Ayari, R. Ben Romdhane, K. Bellil

023 Porocarcinoma arising in a sebaceous nevus of Jadassohn: Case report
Razvan Andrei, Romania
C. Socoliuc, A. Evsei

024 Primary extramammary Paget's disease: Report of 13 cases
Anastasia Konstantinova, Russia
K. Shelekhova

025 Cytokeratin 17 and Ki-67: Immunohistochemical markers for the differential diagnosis between Keratoacanthoma and Squamous Cell Carcinoma (SCC)
Cem Leblebici, Turkey
E. Pasaoglu, C. Kelten, S. Darakci, N. Dursun

026 Merkel cell carcinoma metastasis with coexisting B-cell lymphoma in parotid gland: A case report
Svetlana Poletaeva, Russia
T. Fedorina, V. Keremet

027 Cutaneous adnexal carcinoma: Clinicopathological study of 40 consecutive cases
Miloud Medjamia, Algeria
N. Kaci, M. O. Ait Si Ali, B. Bouacha, A. Abdelouahab, F. Hacen, Z.-C. Amir

028 Cutaneous mixed tumours: Clinicopathological study of 41 consecutive cases
Miloud Medjamia, Algeria
N. Kaci, M. O. Ait Si Ali, B. Bouacha, M. Riah, B. Kelkoul, Z.-C. Amir

029 Hidradenomas: Clinicopathological study of a series of 27 cases
Miloud Medjamia, Algeria
N. Kaci, M. O. Ait Si Ali, B. Bouacha, A. Abdelouahab, F. Hacen, Z.-C. Amir
**030**
Comparative study of mycological and histological findings on onychomycosis
*Besma Laabidi*, Tunisia
M. A. Bani, S. Ben Rejeb, L. Bel Hadj Kacem, D. Ghachem, F. Gargouri, O. Bel Hadj Amine, A. Bouziani, I. Msakni

**031**
Specific cutaneous involvement in multiple myeloma: 2 cases report
*Slim Charfi*, Tunisia
N. Abid, O. Boudaouara, C. Chaari, M. Mellouli, T. Sellami Boudaouara, J. Feki, R. Kallel

**032**
PD-L1 expression in invasive and in situ Squamous Cell Carcinoma (SCC) of the skin and actinic keratosis
*Eleni Kourea*, Greece
A. Stravodimou, V. Tzelepi, H. Papadaki, A. Mouzaki, S. Georgiou, M. Melachrinou

**033**
Merkel cell carcinoma occurring in a dark skinned woman: A rare epidemiologic presentation of an uncommon tumour
*Laila Bahi*, Morocco
M. Khmou, M. Rais, J. Kharmoum, S. El-Abbaoui, B. El-Khannoussi

**034**
Clinicopathological evaluation of cutaneous leishmaniasis in the mediterranean region of Turkey
*Hampar Akkaya*, Turkey
C. Durusoy

**035**
Tumour burden in sentinel lymph node and its correlation to histopathologic characteristics of primary melanoma and status in complete lymph node dissection
*Ljubisa Jovanovic*, Serbia
M. Rajovic, L. Zolotarevski, J. Dzambas, S. Cerovic

**036**
Borst-Jadassohn phenomenon in clonal seborrheic keratosis: A controverted entity
*Sarra Ben Rejeb*, Tunisia
D. Ghachem, A. Dhaoui, A. Souissi, A. Ayari, R. Ben Romdhane, K. Bellili

**038**
Immunoprofiles of mismatch-repair proteins of sebaceous tumours and their histopathological features
*Banu Yaman*, Turkey
H. Ozdemir, G. Serin, T. Akalin

**039**
Melanocytic BAP1-associated intradermal tumours: Report of 3 cases
*Daniel Pinto*, Portugal
R. Veiga, E. Vale, I. Viana

**040**
Glomeruloid hemangioma in POEMS Syndrome: Report of a case
*Damlanur Sakiz*, Turkey
B. Gedik, M. Ozaslan, A. Kavak

**041**
Malignant proliferating trichilemmal tumour (MPTT) an unfrequent entity, that deserve a successful and accurate diagnosis
*Carlo Bruno Marta*, Spain
E. Poblet, P. Sota Ochoa, E. Mejia, J. Ortego, B. Fuertes Negro, K. Garcia, Y. Leal Bolivar

**042**
Angiolymphoid Hyperplasia with Eosinophilia (ALHE): A heterogeneous entity with frequent plasma cell IgG4
*Adriana Sierra Gomez*, Spain
N. Rakislova, A. Diaz, T. Estrach, A. García Herrera

---

**Digestive Diseases Pathology – GI**
*Chairs: Priyanthi Kumarasinghe, Australia
Arzu Ensari, Turkey
Abbas Agaimy, Germany
Magali Svrcek, France*

**001**
A parallel between HER2 protein expression in primary gastric carcinoma and corresponding synchronous lymph node metastases
*Renato Santos Laboissiere*, Brazil
M. A. Buzelin, D. Balabram, M. M. Demas Álvares Cabral, H. Gobbi
Wednesday, 28 Sept

002 Pancreatic-type mixed acinar-endocrine carcinoma arising from the stomach: Clinicopathological, immunohistochemical and ultrastructural analyses
Kimihide Kusafuka, Japan
K. Muramatsu, T. Nakajima

004 Association between the number of dissected lymph nodes and clinicopathological variables in colon carcinoma
Ho-Chang Lee, Republic of Korea

005 Tumour regression in rectal cancer: What is the most robust tumour regression grade system?
Linde de Smedt, Belgium

006 Circulating tumour cells, recist and pathological response in patients with resectable colorectal liver metastases
Marisa Gomez Dorronsoro, Spain
M. Aizcorbe, N. Ramirez, M. d. Rosario Mercado, E. Mata, L. Alvarez

007 Prognostic significance of histopathological variables in colorectal signet ring cell carcinoma
Valeria Barresi, Italy
L. Reggiani Bonetti, F. Domati, L. Baron

008 MicroRNA 429 down-regulates MARCKS expression in ulcerative colitis
Hun-Soo Kim, Republic of Korea

009 Esophageal squamous papillomas: A retrospective histopathological study of 95 cases from two centers
Anca Evsei, Romania
M. Dumbrava, M. Diculescu, C. Gheorghe, R. Iacob, B. Codruta, I. Papa, C. Balahura, G. Becheanu

010 The Tumour-Stroma Ratio (TSR) as addition to the TNM classification
Wilma Mesker, The Netherlands
G. van Pelt, A. Huijbers, H. Morreau, E. Johnstone, D. Kerr, H. van Krieken, R. Tollenaar

011 An amazing cause of chronic intestinal pseudo obstruction
Dominique Cazals-Hatem, France
M. Uzzan, L. Maggiori, O. Corcos

013 A clinico-pathological study of the appendiceal tumours: A 10-years’ experience of a Romanian tertiary center
Manuela Popa, Romania
F. Andrei, I. A. Cozea, V. Enache, S. Enache, D. Terzea, C. Iosif, F. Vasilnescu, G. Becheanu

014 Evaluation of duodenal biopsies from patients of malabsorption with suspected celiac disease: Histopathological assessment by modified MARSH grading system
Asem Shalaby, Oman
A. Alsalam, A. Qureshi

015 Inflammatory Fibroid Polyps (IFPs) of the GI tract: Clinical, endoscopical, histological and immunohistochemical features of a series of 19 consecutive cases
Alexandra Ciobanu, Romania
G. Becheanu, I. A. Cozea

016 EGFR, HER2 protein overexpression and gene copy-number variation in distal extrahepatic bile duct carcinoma
Ah-Rim Moon, Republic of Korea

017 Digestive neuroendocrine tumours: About 32 cases
Ghada Sahraoui, Tunisia

019 CD24 expression in the progression from adenoma to invasive adenocarcinoma of the colon
Kyung-Hee Kim, Republic of Korea
K.-S. Suh, S.-Y. Choi, M.-K. Yeo
020  Mucin-rich variant of traditional serrated adenoma  
**Stefano Serra**, Germany  
S. Hafezi-Bakhtiari, R. Colling, L. M. Wang, R. Chetty

021  Progression of colorectal cancer K-ras positive patients is associated with differential expression of IL-17, IL-22 and IL-23  
**Doxakis Anestakis**, Greece  
S. Petanidis, S. Koutsoukis, I. Geroudis, P. Pavlidis, A. Salifoglou

022  Ileal adenocarcinoma in Crohn disease: An unicentric experience emphasizing the importance of screening for dysplasia  
**Chloe Grolleau**, France  
N. Guedj, Y. Bouhnik, Y. Panis, D. Cazals-Hatem

023  Molecular biomarkers in a representative sample of Colombian patients with colorectal cancer studied at Fundación Santa Fe de Bogotá  
**Rocio López**, Colombia  
L. E. Barrera Herrera, R. Andrade, M. M. Torres, D. Roa, L. Vasquez, N. Ospina

024  Distinct expression profile of key molecules of crawling type early gastric carcinoma  
**Ha-Young Woo**, Republic of Korea  
H.-K. Kim

025  Expression of beta-catenin in premalignant lesions of the colon and rectum  
**Olga Kharlova**, Russia  
N. A. Nefedova, N. V. Danilova, P. G. Malkov

026  Unusual location of a rare disease: Primary extraskeletal Ewing’s sarcoma of duodenum  
**Yasmine Sana Lahoubi**, Algeria  
F. Yassi, N. Oukid Bouzbid, S. Bouchbout, A. Lankar

028  Surviving expression occurs in precancerous colorectal lesions  
**Zsuzsanna Pap**, Romania  
Á. Ilyés, B. Baróti, D. Lárárd, T. Mezei, A. Szántó, Z. Pávai, S. Mocan

029  Correlation between postsurgery pathology studies with presurgery imaging studies in pancreas adenocarcinoma: A retrospective study with 75 patients  
**Ana Belen Roche**, Spain  
C. Hördner, A. Valero, N. Torrecilla Idoipe, S. Simón, M. A. Trigo, M. J. Viso, J. I. Franco, I. Montejo, D. Rosero, A. Serrablo

030  Prognostic significance of clinico-pathological variables in rectal cancer resected after neoadjuvant chemoradiotherapy  
**Simona Lionti**, Italy  
L. La Rocca, L. Reggiani Bonetti, A. Ieni, F. Domati, V. Barresi

031  Calretinin use for serosal invasion detection in case of colorectal cancer  
**Inese Drike**, Latvia  
I. Strumfa, A. Vanags, J. Gardovskis

032  HER2 status in gastro-oesophageal adenocarcinomas: The ‘equivocal’ results, their incidence and significance  
**Margaret Sheehan**, Ireland  
A. O’Keeffe, G. Leonard, M. Keane, O. McAnena, C. Collins

033  Actual status of distribution and prognostic impact of extramural discontinuous cancer spread in primary gastric cancer  
**Mu-Yan Cai**, People’s Republic of China  

034  Clinicopathological and prognostic characteristics of esophageal sarcomatoid carcinoma: An analysis of 50 patients in a single Chinese center  
**Mu-Yan Cai**, People’s Republic of China  
P. Li, Y. Li, C. Zhang, J.-L. Huang, Y.-H. Ling, R.-Z. Luo, J.-P. Yun, D. Xie
035
CD8-Positive Cytotoxic T-Lymphocytes in Colorectal Carcinomas (CRCs): Association with high-level Microsatellite Instability (MSI-H) or germ-line MUTYH mutation
Alexander O. Ivantsov, Russia

036
Gastric atrophy in breast and ovarian cancer patients carrying BRCA1 germline mutation
Alexander O. Ivantsov, Russia
M. A. Kleshchov, A. A. Avanesyan, K. Shelekhova, A. M. Shcherbakov, E. N. Imyanitov, A. P. Sokolenko

037
Cell cycle regulation and its influence on the progression to oesophageal adenocarcinoma using DNA ploidy and immunohistochemistry for Ki-67, p53, and E2F
Ignazio Puccio, United Kingdom

038
Role of inflammation and T-cell response on Barrett’s oesophagus progression to oesophageal adenocarcinoma
Ignazio Puccio, United Kingdom

039
Expression profiles and clinical impact of MUC1, MUC2, MUC5AC and MUC6 in colorectal cancer
Johannes Betge, Germany

040
Influential factors and prognostic impact of lymph node count in colorectal cancer
Johannes Betge, Germany

041
The prognostic significance of Cerb-B2 expression in gastric carcinomas
Berrin Babaoglu, Turkey
A. Akyol, C. Sokmensuer, G. Gedikoglu

042
Role of inflammation induced by the serine-protease Granzyme A in development of colorectal carcinoma in vivo
Begoña Fuertes Negro, Spain

043
Azathioprine may not be associated with development of colorectal tumours with microsatellite instability in patients with Inflammatory Bowel Disease (IBD)
Magali Svrcek, France

044
Anastomosing/crawling-type adenocarcinoma of the stomach
Yo Kato, Japan
H. Kawachi, M. Kobayashi, N. Yamamoto, M. Takamatsu, Y. Ishikawa

045
Effects of acute exposure to orally administrated acrylamide on histological structure of stomach tissue in Wistar rats
Jelena Ilic Sabo, Serbia
M. Djolai, M. Zivojinov, A. Levakov Fejsa, M. Mocko-Kacanski, J. Amidzic

046
Telomere measurement of intestinal and cardiac-type mucosae in Barrett’s oesophagus using quantitative-fluorescence in SITU hybridization
Junko Aida, Japan

047
Traditional serrated adenoma or serrated tubulovillous adenoma: Which is which?
Cevriye Cansiz Ersöz, Turkey
S. Yüksel, A. Kirmizi, B. Savas, A. Ensari
048 Gastric involvement in Inflammatory Bowel Disease (IBD): Clinical-pathological correlations and utility of step sections analysis
Iva Bricic, Austria
F. Sarocchi, H. P. Gröchenig, M. Ortner, S. Siebert, C. Langner

049 Diagnostic value of gamma delta intraepithelial lymphocytes in gluten sensitivity: Any better than H&E or CD3?
Ayca Kirmizi, Turkey
C. Kalkan, C. Cansiz Ersöz, B. Savas, H. Cetinkaya, Z. Gencturk, A. Ensari

050 Morphological changes of interstitial cells of Cajal, associated with myenteric plexus in animal model of ulcerative colitis
Lev Kakturskiy, Russia
S. Kiriukhin, O. Makarova

051 The immune score in patients with colorectal cancer: A possible approach for classification and prediction outcome
Adelina Gheju, Romania
S. Taban, A. Jurescu, O. Vita, I. Mihai, S. Dema, C. Duta, A. Dema

052 Changes in the expression of beta-tubulin isotypes are associated with different prognosis and chemosensitivity of colorectal cancer
Anna Portyanko, Belarus
K. Ruksa, M. Malko, A. Mezheyevskii, A. Nerovnya, T. Bich, G. Tur

053 Inflammatory Bowel Diseases (IBD) are associated with changes in beta1-tubulin expression epithelial cells
Anna Portyanko, Belarus
P. Perevoschikov, K. Ruksa, J. Gorgun

054 Florid T-cell lymphocytosis in appendix could be misinterpreted as T-NHL
Fotios Iordanidis, United Kingdom

055 Immunohistochemical expression of SSTR2 and SSTR5 in gastrointestinal Neuroendocrine Tumors (NETs)
Simona Enache, Romania
C. Vasiile, I. A. Cozea, F. Vasilerscu, V. Enache, M. V. Comanescu, G. Becheanu, F. Andrei, M. Dumitrescu, C. Culda

056 Expression of Cdx2 in primary gastric carcinomas
Amen Dhaouli, Tunisia
A. Kheddar, D. Ben Ghachem, S. Ben Slama, K. Bellil, S. Haouet

057 Expression of TMEM16A (DOG1) by medullary colorectal carcinomas
Jean-François Mosnier, France
D. Dansette, S. Métairie, S. Bezieau, C. Toquet, C. Bossard

058 Screening neuroendocrine component in advanced gastric cancers
Nikolay Karnaukhov, Russia
I. Derizhanova

059 Cancer stem cell markers CD44, ALDH-1 and Lgr-5: Their relationship with clinicopathologic parameters and survival
Gulcicek Ayranci, Turkey
K. Uprak, C. Celikel

060 The relationship between KRAS, NRAS, BRAF, PIK3CA, and TP53 mutations and tumour morphology and behavior in colorectal adenocarcinomas
Jeong-Won Kim, Republic of Korea
M.-E. Hong, M.-K. Shin, B.-C. Kim, S.-J. Jang, S.-M. Hong

061 SATB2 is a promising biomarker for identifying colorectal origin in liver metastatic adenocarcinoma
Mu-Yan Cai, People’s Republic of China
062 What is the value of radical resection after local excision of early colorectal cancer?  
Arjan van Tilburg, The Netherlands  
G. Bökkerink, I. Nagtegaal

063 Morphological and immunohistochemical correlations in neuroendocrine digestive tumours  
Valentin Enache, Romania  
I. A. Cozea, C. Vasile, S. Enache, F. Vasilescu, M. V. Comanescu, G. Becheanu, F. Andrei, M. Dobre

064 Neoangiogenesis and histochemical expression of mucins in colorectal adenocarcinoma  
Milena Rakocevic, Serbia  
S. Jancic, F. Vukmirovic, V. Milosevic

065 Diet-related genes polymorphisms are associated with colorectal cancer risk  
Lina Carvalho, Portugal  
P. Jegundo, R. Pandeirada, J. Mendes, S. Fernandes, M. Reis Silva, V. Sousa, S. Balseiro

066 IL-1 common polymorphisms are associated with colorectal cancer risk  
Lina Carvalho, Portugal  
S. Balseiro, P. Jegundo, R. Pandeirada, M. Reis Silva, M. Alvarez, S. Fernandes

067 Colorectal signet ring cell carcinoma: A clinicopathological study of 10 cases  
Houria Belkralladi, Algeria  
K. T. Douidi, Z. Merad, T. Guendouzi, A. Tou

068 Lanthanum deposition in the stomach and transfer via lymph flow  
Akiko Tonooka, Japan  
S. Uda, H. Tanaka, T. Kikuchi, M. Obata, T. Uekusa

069 Immunoexpression and significance of B-Catenin and Sox2 in adenomatous polyps and adenocarcinomas of colon  
Neslihan Eti, Turkey  
I. Gurses, D. Gürsoy, E. Serinsöz Linke, E. Üc bilek, T. Çolak

071 Changing trends in H. Pylori gastritis: From antral predominant to corpus predominant?  
Elif Ocal, Turkey  
S. Kiremitci, A. Kirmizi, C. Cansiz Ersöz, N. Kursun, B. Savas, A. Ensari

072 CD133 expression is related with survivin expression in surgically resected stage II and III colorectal cancers  
Mee-Yon Cho, Republic of Korea  
W. L. Li, M.-R. Lee, E. Choi, T. Kim

074 The utility of imprint cytology of gastrointestinal endoscopic biopsies at Kenyatta National Hospital  
Nadia Kalinganire, Kenya  
E. Walong, E. Kamau, L. W. Muchiri

075 Crohn’s disease first presenting as signet-ring cell carcinoma: A case report  
Joana Tavares, Portugal  
E. Vitorino, J. Carvalho, D. Lopes, C. Ferreira

076 A case of gastric carcinoma with intramural lymph node metastasis. How to stage?  
Margarida Fernandes, Portugal  
J. Magalhães, E. Rios

077 Endoscopic ultrasonography with fine needle aspiration (EUS-FNA) as essential tool in diagnosing advanced pancreatic neoplasms (PN)  
Cristiana Popp, Romania  

079 Type of pathologic response in liver metastases of colorectal carcinomas related to specific chemotherapeutic agents  
Maria del Rosario Mercado Gutierrez, Spain  
F. J. Suarez, I. Amat, I. Paniello, L. Alvarez, R. Vera, M. L. Gomez
080 Diagnostic yield of biliary brushing cytology: A single centre study
Ayesha Azam, United Kingdom
S. Ghulam, F. Ibison, U. Zanetto, M. Wasimi

081 EGFR gene amplification is relatively common and associates with outcome in intestinal adenocarcinoma of the stomach, gastro-oesophageal junction and distal oesophagus
Eva-Maria Birkman, Finland
A. Ålgars, M. Lintunen, R. Ristamäki, J. Sundström, O. Carpén

082 Impact of ‘tumour budding’ and desmoplastic stroma on survival from colon carcinoma in patients with tumoural progression to stage IV
David S. Rosero, Spain

083 Intestinal lymphomas, 15 years’ experience of a single center
Basak Doganavsargil, Turkey
N. Ozsar, F. Unal Yildirim, B. Pehlivanoglu, M. Sezak, M. Hekimgil

084 Role of EUS-FNA in the diagnosis of intra-abdominal lesions
Afreen Karimkhani, India
U. Kini, H. Devarbhavi

085 Does total macroscopic examination of the appendectomy specimen change the pathologic diagnosis in pediatric cases?
Ebru Cakir, Turkey
M. O. Oztan, S. Abdullahzade, S. Ekmekci, G. Koyluoglu

086 Clinicopathologic spectrum of malignant gastrointestinal neuroectodermal tumour: A study of 7 cases
Angad Singh, India
M. Bal, M. Ramadwar, S. Adamane, K. Deodhar

087 Clinicopathologic and evolutive characteristics of digestive neuroendocrine tumour: A retrospective analysis of 40 cases in Tunisian center
Slim Charfi, Tunisia
L. Ayadi, M. Mellouli, M. Ksentini, W. Ghribi, T. Boudawara, H. Mnif

088 Evaluation of pathological reports quality for management of patients with colorectal cancer: Results of a large observational French cohort
Julie Meilleroux, France

089 Dysplasia in Barrett’s esophagus: Intraobserver and interobserver concordance in diagnosis and classification
Daniela Vinha Pereira, Portugal
A. Dias Pereira, R. Fonseca, P. Borralho, P. Chaves

090 Telomerase Reverse Transcriptase (TERT) promoter mutational analysis of anorectal melanomas
Hui-Min Yang, USA
S. J. Hsiao, H. Varma, D. F. Schaeffer, D. Horst, M. Mansukhani, B. A. Horst

091 Poorly differentiated clusters: Are they important in evaluation of colorectal carcinoma?
Aură Jurescu, Romania
A. Vadauva, A. Gheju, O. Vita, M. Cornianu, F. Lazar, S. Taban, A. Dema

092 Collagenous colitis, with heterogenous clinical presentation
Betül İgde, Turkey
N. Unal, F. Tekin, K. B. Bingül, M. Sezak, B. Doganavsargil

093 Gallbladder carcinoma: A clinicopathological study of 33 cases
Manobandanie Karunaratne, United Kingdom
I. Bagwan
094 Fluorescence lifetime imaging provides label-free recognition of mucin production in gastrointestinal specimens

Konradin Metze, Brazil
F. A. Borges da Silva, A. P. Racanelli

096 Characteristics of colorectal carcinomas with KRAS/NRAS and BRAF mutations: Analysis of 1160 cases from cerrahpasa medical faculty

Sibel Erdamar, Turkey
S. Batur, N. Kepil, C. Unlu

097 Endoglin and VEGF overexpression in colonic mucosa of patients with ulcerative colitis – possible therapeutical target

Cristiana Popp, Romania

098 EFGR expression in patients with wild type KRAS mutation status: Avoiding unnecessary exposure to anti-EGFR therapies

Amira Jaballah, Tunisia

100 KRAS and BRAF mutation and microsatellite status in gastric cancer in the elderly

Tomio Arai, Japan
T. Wang, Y. Matsuda, A. Seki, K. Nonaka, M. Kakizaki, J. Aida, K. Takubo, T. Ishiwata

101 PD-L1/PD-1 pathway activation in EBV+ and MSI gastric cancers

Simona De Rosa, Italy
L. Libera, F. Magnoli, C. Capella, F. Sessa, A. M. Chiaraavalli

102 CEA monoclonal expression in ampullary cancer

Peter Bronsert, Germany

103 Mucosal alterations in Helicobacter pylori positive and negative chronic gastritis and their effect on the diagnostic efficiency

Eva Kocsmary, Hungary

104 HER2 gene amplification and protein overexpression in gastric adenocarcinoma in a Turkish population: A clinicopathologic analysis

Cigdem Celikel, Turkey
I. S. Isgor, G. Akbas

105 The role of mesothelial lining and peritoneal elastic lamina in staging colorectal carcinoma

Cigdem Celikel, Turkey
H. Sahin, F. E. Kombak, H. Mollahemisoglu

106 Impact of pathologic response to intensified preoperative chemotherapy in two-stage hepatectomy for colorectal metastases

Frédéric Bibeau, France
M.-H. Pissas, H. Gil, L. Khellaf, L. Roca, H. de Forges, S. Carrere, O. Sgarbura, E. Samalin, M. Ychou, F. Quénet

108 Histomorphologic factors of early gastric carcinoma treated by endoscopic submucosal dissection: relation to efficiency of endoscopic resection

Katarzyna Karpinska-Kaczmarczyk, Poland
M. Lewandowska, E. Urasinska, A. Bialek

109 Comparison of intratumoural and peritumoural budding in colorectal carcinoma

Saime Ramadan, Turkey
I. Cetinaslan Turkmen, B. Saka, G. Oran, M. C. Haksal, M. Oncel

110 Spectrum of pathologies detected in appendectomies with clinical suspicion of acute appendicitis: 10-year experience

Emine Bilge Ayni, Turkey
G. Yegen, A. F. Kaan Gok, M. Ilhan, M. Gulluoglu
111 Precursor lesions of hereditary diffuse gastric cancer (HDGC) in prophylactic gastrectomies performed in carriers of CDH1 germ line mutations. The experience of a reference center
Xiaogang Wen, Portugal
I. Gullo, F. Carneiro

112 Carbonic Anhydrase IX expression in resected pancreatic ductal adenocarcinoma is a marker of superior prognosis and insensitivity to pyrimidine nucleoside analogs
Kenrry Chiu, Canada
S. E. Kaloger, C. Chow, S. Dedhar,
D. J. Renouf, D. F. Schaeffer

113 Early gastric cancer – evaluation of endoscopic resection criteria in gastrectomy specimens
Catarina Calle, Portugal
B. Pereira, M. Serrano, S. Faias, R. Fonseca,
A. Dias Pereira, P. Chaves

114 Epithelial to mesenchymal transition of mesothelial cells contributes to the generation of carcinoma associated fibroblasts in locally advanced intestinal carcinoma
Jose Jimenez Heffernan, Spain
C. Gordillo, C. Barcena, P. Sandoval,
M. Lopez Cabrera

115 Granulomatous gastritis: A clinicopathologic analysis of 24 biopsy cases
Raja Jouni, Tunisia
M. Sabbeh, W. Koubaq, I. Msakni,
E. Ben Brahim, A. Chadli

116 Recommendations for reporting tumour budding in colorectal cancer based on the International Tumor Budding Consensus Conference (ITBCC) 2016
Alessandro Lugli, Switzerland
R. Kirsch, Y. Ajioka, F. Bosman, G. Cathomas,
H. Dawson, H. El Zimaity, J.-F. Fléjou,
T. P. Hansen, S. Kakar, C. Langner,
I. Nagtegaal, G. Puppa, R. Riddell,
A. Ristimaki, K. Sheahan, T. Smyrk,
K. Sugihara, B. Terris, H. Ueno, M. Vieth,
I. Zlobec, P. Quirke

PS-17 Poster Session
Neuropathology
Chairs: Guido Reifenberger, Germany
Aurelio Ariza, Spain

001 Glioblastoma with ependymoma-like perivascular pseudorosettes: An under-recognised variant of glioblastoma with the potential for misdiagnosis as anaplastic ependymoma
Hwei-Yee Lee, Singapore
B. C.-Shern Ho, W.-Y. Yu, K.-L. Chuah,
W.-M. Yap, C. S.-Lyn Ding, A. A. Morsy,
W.-H. Ng

002 Prognostic significance of ALK overexpression in glioblastoma
George Karagkounis, Greece
G. Stranjalis, T. Argyrakos, V. Pantelaion,
K. Mastoris, D. Rontogianni, D. Sakas,
D. Tiniakos

003 Lipoastrocytoma: A rare case report and review of literature
Divya Sharma, India
N. Khurana

004 A rapidly fatal case of diffuse leptomeningeal melanocytosis with NRAS mutation in a 22-month old boy
Robert Glen Abesamis, Philippines
J. A. Uy, E. Munoz, A. Neria-Enriquez,
R. Galsim

005 Glioblastoma with PNET-like components: Case report
Mihai Lisievici, Romania
M. Popa, D. Pasov, C. Cocosila, F. Pop,
J. Ciurea

006 Case report: Intracranial pleomorphic liposarcoma mimicking chordoma
Sandra Sunitsh, Austria
M. Smolle, A. Leithner, J. Haybaecck,
B. Liegl-Atzwanger

007 Cerebellar liponeurocytoma: A novel report from Nigeria
Anthony Eni, Nigeria
V. Nzegwu, M. Nzegwu, T. Ologho
008 Anaplastic and meningothelial meningiomas in a single tumour: A “dedifferentiated meningioma”?  
Masayuki Shintaku, Japan  
Y. Adachi, A. Arai, J. Koyama

009 Non-adenomatous tumours of the sella turcica  
Vanessa Henriques, Portugal  
J. Barreira, M. Chorão, C. Canas Marques

010 Mixed sellar tumour: Pituitary adenoma and hypotalamic gangliocytoma, case report  
Mihai Lisievici, Romania  
N. C. Mehotin, C. Cocosila, V. Ciubotaru, D. Pasov

011 Sudden unexpected death from extraventricular neurocytoma: A case report and review of the literature  
Panagiotis Mylonakis, Greece  
D. Anestakis, A. Mitselou

012 Transformation of the histological type of diffuse astrocytoma with IDH-mutation in a patient with Gilber’s syndrome  
Dmitrii Matsko, Russia  
M. V. Matsko, A. A. Zrelov, A. G. Iyevleva, E. N. Imyanitov

013 Pathology study of angiomatous meningiomas: A rare variant of brain tumours  
Miguel Ángel Resano Abarzuza, Spain  

014 Vascular Endothelial Growth Factor (VEGF) and its inhibitory isoform VEGF165b: Dual role in pituitary adenomas  
Bogdan Balinisteanu, Romania  
A. M. Cimpean, A. R. Ceausu, E. Melnic, A. S. Corian, M. Raica

015 Embryonal tumour with abundant neuropil and true rosettes: A fetal autopsy case  
João Fraga, Portugal  
P. Serra, R. Pina, O. Rebelo, L. Prado e Castro

016 Expression of integrin B4 in relation to decreased invasiveness and increased proliferation in glioblastoma cell lines  
Kyu-Sang Lee, Republic of Korea  
H.-S. Jung, S.-Y. Moon, K.-Y. Lee, S. Yoon, G.-Y. Choe

017 A rare case of centronuclear myopathy with DNM2 mutation: Genotype-phenotype correlation and review of articles  
Amir Ghorbani, USA  
M. Lechpammer

018 Motor system neuropathology in progressive supranuclear palsy  
Zuzana Mouchová, Czech Republic  
Z. Rohan, G. Covacs, R. Matej

019 Embryonal tumour with abundant neuropil and true rosettes: A rare entity  
Helena Fuentes Vaamonde, Spain  
M.-E. Sanchez Frías, E. Rivas Infante, M. T. González Serrano

020 Distribution of iron and calcium deposit in basal ganglia of Huntington Disease: Post mortem study of six patients  
Federico García Bragado, Spain  

021 Undiagnosed meningiomas in a Portuguese forensic autopsy population  
Carlos Marques Pontinha, Portugal  
R. Henriques de Gouveia, J. Pinheiro
022
Retrospective study of oligoastrocytomias under new diagnostic criteria
Irma Ramos, Spain
J. Temprana Salvador, C. Montecino, J. Camacho, C. Auger, F. Martinez Ricarte, Y. Rodríguez, S. Ramón y Cajal, E. Martínez Sáez

023
Alzheimer and Heparanase
Laura Lorente Gea, Spain
B. García, C. Martín, O. García Suarez, B. Muñiz Alonso, H. Ordiales, I. Vicente Etxeausia, I. Guerra Merino, J. Merayo Lloves, L. M. Quirós, I. Fernandez Vega

024
Diffuse infiltrating gliomas WHO classification may be sustained by routine 1p/19q codeletion search
Lina Carvalho, Portugal
O. Rebelo, V. Sousa, A. Ladeirinha, A. Alarcão, S. Balseiro, M. J. d’Aguiar, T. Ferreira, M. Reis Silva

025
A rare case of balloon-cell melanoma brain metastasis
Alexandros Iliadis, Greece
T. Zaraboukas, P. Selviaridis, A. Chatzisotiriou, G. Karagiannopoulou

026
An extremely rare case of a primary cervical intradural malignant peripheral nerve sheath tumour with multiple cranial and spinal leptomeningeal metastases
Laura Chinezu, Romania
R. Chinezu, C. Carasca, K. Siklodi-Palfi, V. Hadareanu, I. Egyed-Zs., A. Borda

027
Benign melanocytic tumour of the brain: Case report
Nana Goishvili, Georgian
M. Jangavadze, I. Khakhutaishvili, I. Kirvalidze

028
Integrated diagnoses of 19 WHO grade II astrocytomias, oligodendrogliomas and oligoastrocytomias diagnosed between 2011/2015 using ATRX, IDH1 and p53 immunohistochemistry
Irene Lara Sanz, Spain
C. Peña Barreno, M. I. Esteban Rodriguez, R. M. Regojo Zapata

029
Malignant gliomas with primitive neuroectodermal tumour-like components: Clinicopathological analysis of 5 cases
Javier Martin Lopez, Spain
N. Vidal

030
Colloid cysts of the third ventricle: Clinicopathological review of 57 cases
Fikret Dirilenoglu, Turkey
M. Pekmezci, T. Tihan

031
Postnatal differentiation of intrauterine neuronal migration defects caused by vitamin C deprivation in guinea pigs
Ivan Capo, Serbia
N. Hinic, I. Milenkovic, N. Vuckovic, D. Lalosevic, N. Stilinovic, S. Sekulic

032
Solitary fibrous tumour of the central nervous system: Two uncommon sites
Asma Sassi, Tunisia
A. Ziani, I. Chelly, B. Chelly, H. Azzouz, S. Haouet, N. Kchir, M. A. Bani

033
CD34 and MAP2 expression of focal cortical dysplasia associated tumours/ Experience of Cerrahpasa medical faculty
Buğe Oz, Turkey
R. Akpinar, N. Kaya, S. Batur, N. Comunoglu

035
Two cases of medulloblastoma. Infrequent onset in local recurrence. Case report and literature review
Oana Voinea, Romania
M. Lisievici, M. Sajin, F. Vasilescu, A. Dumitru, C. Cocosila
PS-18
Poster Session
Other Topics 2
Chairs: Dietmar Schmidt, Germany
Pierre Bedossa, France

002
Myocardial ischemia as presenting manifestation of IgG4-related disease: A case-based review
Barbara Saenz Ibarra, Mexico

003
Introducing a 3D software in the educational process at the Department of Pathology
Aigul Sapargaliyeva, Kazakhstan
A. Mukushev, O. Zairatyants, A. Popov, G. Mambetova

004
Diagnostic pathology service, research and publication through telepathology in an underserved country: The Dhaka based experience
Golam Mostafa, Bangladesh

005
The importance of the autopsy in ascertaining the cause of death as an audit tool in a resource poor setting
Michael Nweke, Nigeria

006
Factors causing reluctance of the clinicians to seek pathologist’s help on day to day basis in low resource busy tertiary care hospitals in Pakistan
Mawish Javed, Pakistan
R. Rafi

007
Immunohistochemical features of inflammatory mechanisms in core and peri-ischemic area after transient focal cerebral ischemia in rat brain
Emoke Horvath, Romania
A. Hutanu

008
Tissue preparation: Does one method fit all?
Lykke Grubach, Denmark
S. Nielsen, M. B. Ringgaard, I. Rasmussen, M. A. Brogaard, A. O. Christensen, M. Lorans, P. B. Jensen

009
Cerebral hemorrhage produced by ruptured tuberculous aneurysm of the posterior communicating artery: Necropsy feature and histological study
Youssef Chkirbene, Tunisia
M. Ben Khelil, H. Azouz, M. A. Bani, B. Chelly, S. Haouet, M. Hamdoun

010
Immunohistochemistry causes colour changes in inked marked resection margins
Peter Bronsert, Germany
H. Füllgraf, S. Kiefer, M. Kühs, K. Aumann, M. Werner
013
Cutaneous-visceral loxoscelism. Presentation of an autopsy case in Bogotá, Colombia
Jessica Maria Gomez Cifuentes, Colombia
J. C. Bonilla Jassir, F. Cala Riquelme, H. Sotomayor, L. M. Gonzalez, O. R. Díaz Carcamo

009
Salivary gland anlage tumour: Report of a rare congenital tumour
Hunaina Al-Kindi, Oman
K. Alyahyaee, M. George, C. D. M. Fletcher, S. Al Sheibani, M. Al-Saadi

010
Vascularisation of the placental villi at early- and late-onset preeclampsia
Alexander Shchegolev, Russia
V. Lyapin, R. Shmakov, G. Sukhikh

011
Ultrastructure features of placenta villi in cases of preeclampsia
Natalia Nizyaeva, Russia
T. Sukhacheva, G. Kulikova, M. Nagovitsyna, N. Kan, V. Tyutyunnik, R. Serov, A. Shchygolev, G. Sukhikh

012
Histology in paediatric Wilson’s disease – a challenge!
Rui Caetano Oliveira, Portugal
S. Nobre, S. Ferreira, C. Gonçalves, M. A. Cipriano, I. Gonçalves, L. Prado e Castro

013
Extracellular matrix in human placenta
Rama Gopalan, India

014
Congenital and childhood nephrotic syndrome diagnosis in renal biopsies from Minas Gerais state: Six cases report
Maria Luiza Gonçalves dos Reis Monteiro, Brazil

015
Fas and FasL expression in placentas complicated with intrauterine growth retardation with and without preeclampsia
Ivana Kuzmic Prusac, Croatia
J. Rešic Karara, S. Žekic Tomas, J. Marusic, D. Roje
016 Estrogen and androgen receptor expression in Morgagni hydatids in cryptorchidism
Antonios Panagidis, Greece
E. Kourea, V. Tzelepi, M. Melachrinou, B. E. Spiliotis

018 Ciliopathies: Report of six cases of Meckel-Gruber Syndrome and two cases of Bardet-Biedl Syndrome with review of literature
Rui Almeida, Portugal

019 Diversity of KI67 and P53 expression of different subtypes of medulloblastoma in Latvia
Ivanda Franckevica, Latvia
G. Kirsakmens, R. Kleina

020 Diagnostic approach of congenital urinary malformations: Multicentric autopsy cases performed between 2000-2015 in Antalya
Havva Serap Toru, Turkey
A. Öztürk, B. Nur, H. Akkaya, N. Yüksel

021 MMPs-2/9 and TIMP-2 expression in infantile hemangiomas on propranolol therapy
Józef Kobos, Poland
P. Przewratil, K. Taran, A. Wnek, E. Andrzejewska

022 Expressions of neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in Wilms tumour
Gülden Diniz, Turkey
S. Ersavas, H. Tosun Yıldırım, Y. Koca, D. Solakoglu Kahraman, D. Ayaz, B. Demirag

023 Tissue expression of AT-rich interacting domain 1 alpha in Wilms tumour
Gülden Diniz, Turkey

024 Sacrococcygeal germ cell tumour – the 38-year experience
Slaviša Djuricic, Serbia
G. Samardžija, D. Bozic, V. Dedic

025 Molecular characterisation of a disseminated congenital melanoma with unexpected long term survival
Elise Gradhand, United Kingdom
K. Neumann, L. Newell, P. Ramani, S. Coupland

026 Primitive neuroectodermal tumour in pediatric kidney patient: Case report
Jessica Maria Gomez Cifuentes, Colombia
J. F. Polo Nieto, D. M. Hernandez Walteros, P. Lopez Correa, A. Guerreo
Thursday, 29 September 2016

PS-20  Poster Session

History of Pathology
Chair: Antonio Cardesa, Spain

001
Illustrated heart & vessels: The collection of a world heritage museum
Rosa Henriques de Gouveia, Portugal
T. Ferreira, M. J. Aguiar, A. Lopes, M. J. Martins, L. Carvalho

002
Actinic keratosis, historical aspects of an actual but still controversial nosological entity
Claudio Cacchi, Germany
R. Knüchel-Claarke

003
Anatoly Ivanovich Strukov – Russian pathologist, scientist and educator (06.04.1901–13.03.1988)
Alexander Zubritsky, Russia

004
Vladimir Germanovich Shtefko – Known Russian phthisiopathologist and anthropologist (29.11.1893–03.10.1945)
Alexander Zubritsky, Russia

005
The history of textbooks on pathology and pathological anatomy for teaching in Russian Empire, USSR and Russian Federation
Tatyana Pavlova, Russia
A. Nesterov

006
Pathology: Relationship with clinical and biomedical research in Tunja, Boyacá
Bibiana Bernal-Gómez, Colombia
A. Arias, A. Cuspoca, A. Bayona, N. Camargo

007
On philosophical pathology and UNO Agenda 21
Michael Ch. Michailov, Germany

009
The history of study of pathology in the Belgorod State National University
Tatyana Pavlova, Russia
V. Kulikovskiy, I. Denisova

010
Questionnaire portrait of the Russian pathologist, pathophysiolgist, histologist, scientist, and educator Professor Israil Solomonovich Pentman (09.05.1888–29.01.1939)
Alexander Zubritsky, Russia

PS-21  Poster Session

IT in Pathology
Chair: Stephan Borkenfeld, Germany

001
Input device research for digital pathology: An ergonomic outlook
Eduardo Alcaraz Mateos, Spain

002
Remote teaching of histopathology using scanned slides via skype® between the UK and Nigeria
Nnamdi Orah, Nigeria
R. Olorunda, S. Abeer, D. Adetola, A. Fatimah

003
Technology enhanced cognitive scaffolding: Unique and innovative pathology teaching in a rural medical school in Australia: One man army!
Shashidhar Venkatesh Murthy, Australia

004
Turn Around Time Measurement In Anatomical Pathology: Application of Survival Analysis
Nickolas Myles, Canada
D. Filipenko, M. Trotter

005
Evaluation of Ki-67 Index in invasive breast cancer: Comparison between visual and automated digital assessment
Essam Ayad, Egypt
006 GP-HELPER (v1.2): The new medical app about general pathology
Ivan Fernandez Vega, Spain
N. Martinez Gonzalez

007 Evaluation of an automated tissue-sectioning system for paraffin blocks towards clinical implementation as a part of digital pathology workflow
Yukako Yagi, USA
X. Fu, P. Bautista, V. Klepeis

008 Telepathology for rapid turnaround time in malignancy diagnosis in low-middle income settings
Danny A. Milner jr., USA

009 Telepathology in Boyacá, Colombia
Bibiana Bernal-Gómez, Colombia
B. F. Meléndez, O. F. Robayo

010 The reproducibility of pathological diagnosis: The results of the on-line diagnostic competition
Anna Artemyeva, Russia
A. Kudaybergenova

011 Analysis of the impact and value of a specimen tracking and routing system implementation for anatomic pathology
J. Mark Tuthill, USA

PS-22 Poster Session
Molecular Pathology
Chairs: Karl-Friedrich Becker, Germany
Albrecht Stenzinger, Germany

001 Tumour-associated fibroblasts as generic target of cancer immunotherapy
Olteanu Gheorghe-Emilian, Romania
O. Gavriliuc, F. Bojin, V. Paunescu

002 The relevance of BRAF exon 11 testing in melanoma – single center experience
Georg Richtig, Austria

003 Dysgenetical gonads in Turner syndrome: Morphology and karyotype correlation
Evgenija Kogan, Russia
O. Ushakova, U. Kurianova, O. Stupko, N. Fayzullina

004 The broad variety of next-generation sequencing methodologies and the impact on biomarker testing
Véronique Tack, Belgium
E. Dequeker

005 BRAF V600E immunohistochemistry in papillary thyroid carcinoma, comparison with PCR and relationship with clinical, morphological and prognostic parameters
Handan Kaya, Turkey
E. Kombak, N. Özkan

006 Four colour, multimarker (12 and up) multiplex immunophenotype of a single FFPE slide
Giorgio Cattoretti, Italy
M. M. Bolognesi, C. R. Sciala, S. Zannella

007 Error types in external quality assessment schemes and corrective actions to improve laboratory performance
Cleo Keppens, Belgium

008 STD pathogens determined in semen using PCR and flow-through hybridization technology
Nazish Jaffer, Pakistan
R. Ghani
009
Interlaboratory variation in molecular testing for EGFR, KRAS and ALK in stage IV non-squamous non-small cell lung cancer in The Netherlands in 2013
*Chantal Kuijpers*, The Netherlands
L. Overbeek, S. Rotteveel, R. van Ommen, K. Koole, H.-J. van Slooten, M. van den Heuvel, R. Damhuis, S. Willems

010
Carboplatin chemoresistance is associated with MiR-205 and miR-218 expression
*Doxakis Anestakis*, Greece
S. Petanidis, A. Tsepa, K. Zisopoulos, P. Pavlidis, A. Salifoglou

011
Regulation of TGF-beta/Smad signaling by vanadium species
*Doxakis Anestakis*, Greece
S. Petanidis, A. Moustakas, I. Dimitriadis, N. Papaioannou, A. Salifoglou

012
Vanadium reduces autophagy and inhibits epithelial-mesenchymal transition by induction of TRAIL-induced apoptosis in cancer cells
*Doxakis Anestakis*, Greece
S. Petanidis, A. Tsepa, E. Kalyva, E. Zagelidou, A. Salifoglou

013
Molecular determination of the clonal relationships between multiple tumours in BRCA1/2-associated breast and/or ovarian cancer patients is clinically relevant
*Ina Geurts-Giele*, The Netherlands

014
EGFR mutations in sinonasal Squamous Cell Carcinoma (SCC) and papilloma
*Robererta Castiglione*, Germany
M. Ihle, S. Merkelbach-Bruse, W. Hartmann, R. Büttner

016
Mutational load and classical pathology in breast cancer
*Jan Budczies*, Germany
M. Bockmayr, C. Denkert, F. Klauschen, J. Lennerz, B. Györffy, M. Dietel, S. Loibl, W. Weichert, A. Stenzinger

018
Simvastatin modulates monocyte chemotaxis in atherosclerosis via down regulating phospholipases (PLA2) signaling
*Anam Razzak*, Pakistan
T. Roome, M. R. Khanani, M. H. Khan

019
Microsatellite Instability and mutations of BRAF-gene in ampullary carcinoma
*Oxana Paklina*, Russia
G. Setdikova, A. Daabul, D. Rotin

020
A mechanistic study to vasodilatory effect of Aegiceras corniculatum in vivo and in vitro models
*Talat Roome*, Pakistan
A. Dar Farooq, M. I. Chaudhary

021
The CE-IVD next generation sequencing panel oncomine solid tumour DNA kit in routine clinical practice for non-small cell lung cancers and colorectal adenocarcinomas
*Elena Guerini Rocco*, Italy
C. Fumagalli, D. Vacirca, M. Barberis

022
Opuntiol coated gold nanoparticles suppress Toll-like receptors (TLR-2/TLR-4) and Dectin-1 in adjuvant induced arthritic rats
*Talat Roome*, Pakistan

023
Comprehensive characterization of ischemia effects on gene expression in human liver
*Christian Viertler*, Austria
024 Structural and functional impact of mutations in RAS Proteins
Tazeen Mustansar, Pakistan

025 A multi-center assessment of a next-generation sequencing assay for detection of germline and somatic BRCA1 and BRCA2 gene variants from formalin fixed paraffin embedded samples
Jon Sherlock, United Kingdom
C. Scafe, G. Nistala, G. Bee, A. Broomer, J. Bishop

026 New histopathology assessment – do you see what I see?
Zandra Deans, United Kingdom

027 The importance of independent cell free DNA reference standards to evaluate the performance of circulating tumour DNA assays and workflows
Stephan Bartels, Germany
S. W. Janice Ng, M. Saathoff

029 Anchored multiplex PCR enables detection of internal tandem duplications in FLT3 by next-generation sequencing
Marc Bessette, USA
B. Van Deusen, L. Johnson, A. Berlin, M. Banos, L. Griffin, E. Reckase, J. Stahl, A. Licon, B. Kudlow

030 Comprehensive thyroid and lung cancer profiling by anchored multiplex PCR-based next-generation sequencing
Josh Haimes, USA
L. Johnson, J. Covino, N. Manoj, M. Bessette, E. Baravik, A. Licon, R. Walters, B. Culver, J. Stahl, B. Kudlow

031 Sensitive detection of copy number variants from FFPE samples by anchored multiplex PCR-based next-generation sequencing
Josh Haimes, USA
J. Covino, N. Manoj, E. Baravik, L. Johnson, L. Griffin, J. Stahl, B. Culver, B. Kudlow

032 How low can you go? A snapshot of molecular pathology test sensitivity and specificity
Zandra Deans, United Kingdom
J. Fairley, J. Hall, N. Nataraj, M. Bhide, A. Lau, K. Norman

033 Enabling PD-L1 IHC standardisation using defined reference standards and digital pathology
Delphine Cougot, United Kingdom
F. Patell-Socha, P. Collin, C. Barker, P. Morrill, K. Schmitt

034 Oral and esophageal tumourigenesis in conditional Notch1 tumourigenesis in conditional Notch1 knockout mouse model
Wanlada Sawangarun, Japan
M. Mandasari, K. Sakamoto

035 Clinicopathologic and molecular features of mucosal melanoma: Data from a tertiary care center
Sule Öztürk Sari, Turkey
I. Yilmaz, O. C. Taskin, Y. Özlük, N. Büyükbabani

037 Dysregulation of microRNAs may lead to lymph node metastasis of non-small cell lung cancer
Zuzana Pastorková, Czech Republic
J. Škarda, Z. Koláč

038 Diagnostic and prognostic value of MST1R mRNA and protein expression in renal cell tumours
Ana Pires-Luis, Portugal

039 Targeted next generation sequencing of multiplex PCR enriched hotspot genes in prostate cancer
Dita Ulase, Latvia
J. Veeck, C. Toth, A. Heidenreich, D. Pfister, R. Knüchel, R. Büttner, M. Odenthal
040 DNA methylation status in CRC – fresh-frozen versus FFPE tissue
Maria Dobre, Romania
M. V. Comanescu, F. Vasilescu

041 Gene profile in neuroendocrine tumours – implications in diagnosis, prognostic and therapy
Maria Dobre, Romania
M. V. Comanescu, S. Enache, V. Enache, F. Vasilescu

042 Is KRAS gene mutation status a prognostic factor in colorectal cancer?
Maria Dobre, Romania
M. V. Comanescu, R. Birla, D. Dinu

043 Molecular and clinicopathological analysis of myxoid liposarcomas by targeted next-generation sequencing
Marcel Trautmann, Germany
C. Bertling, J. Menzel, K. Steinestel, I. Grünewald, E. Wardelmann, S. Huss, W. Hartmann

044 Targeted next-generation sequencing in extraskeletal myxoid chondrosarcoma: A molecular analysis reveals additional genetic aberrations
Marcel Trautmann, Germany
M. Cyra, I. Isfort, S. Huss, S. Elges, I. Grünewald, E. Wardelmann, W. Hartmann

045 An extremely rare case of concurrent BRAF V600E mutation driven hairy cell leukemia and melanoma: Case report and review of literature
Amir Ghorbani, USA
M. Lechapramer, M. Chen, H. Rashidi

046 BRAFV600 mutation detection in tricky melanoma samples using the new IdyllaTM BRAF Mutation Test
Erica Riveiro-Falkenbach, Spain
Y. Ruano, R. M. Garcia-Martin, J. L. Rodriguez-Peralto

048 C-MET expression in pulmonary carcinomas – correlation with EGFR and KRAS mutations
Maria Victoria Comanescu, Romania
M. Dobre, F. Vasilescu, C. M. Ardeleanu

049 Prospective clinical validation of targeted next generation sequencing in molecular diagnostics of lung and colon cancer
Simona Vatrano, Italy
S. Cappia, L. Righi, G. Gatti, S. Novello, M. Papotti, F. Ripa, G. Scagliotti, M. Volante

050 Universal screening for Lynch Syndrome detection
Rosa Ballester Victoria, Spain

051 Gene profiling identifies FBXW7/APC as a recurrent alteration in colorectal carcinoma
Sangeetha Kalimuthu, Canada
S. Serra, S. Hafezi-Bakhtiari, M. Seto, S. Grenier, T. Stockley, R. Chetty

052 The molecular tests in colorectal cancer (KRAS, MSI): Evaluation of practices in a large observational French cohort
Julie Meilleroux, France

053 How close are we to standardised extended RAS gene mutation testing? The UK NEQAS experience
Jennifer Fairley, United Kingdom
R. Butler, S. Richman, Z. Deans

054 Genetic diversity of HIV and its drug resistance in Karachi, Pakistan
Maria Zahid, Pakistan
S. Khan, A. Qureshi
055
Beyond BRCA – HRD scoring using Affymetrix Oncoscan microarrays
Karl Kashofer, Austria
S. Jahn, I. Halbewdli, G. Hoefler

056
Detection of all major classes of MET deregulation by anchored multiplex PCR-based next-generation sequencing
Josh Haimes, USA
M. Bessette, N. Manoj, D. Murphy, R. Shoemaker, L. Griffin, J. Stahl, B. Kudlow

057
Diagnostic algorithm for detection of therapeutic driver mutations in lung adenocarcinomas: Comprehensive analyses of 205 cases with immunohistochemistry, real-time PCR and fluorescence in situ hybridization methods
Ho Hsiang-Ling, Taiwan
K. Hua-Lin, Y. Yi-Chen, L. Chin-Hsuan, H. Wei-Fang, H. Wen-Yu, C. Teh-Ying

058
Antiproliferative action of endogenous reductive stress on melanoma cells
Maria Victoria Comanescu, Romania
M. Mocanu, A. Enciu, M. Dobre, G. Manda

059
Clinical validation of a next generation sequencing panel for ovarian and endometrial tumours
Marie Le Mercier, Belgium
N. De Nève, O. Blanchard, I. Salmon, J.-C. Noel, S. Croce, N. D’Haene

060
BRAF mutation testing quality in malignant melanoma: Results from a German, observational, multicentre study
Ardnt Hartmann, Germany
P. Schirmacher, W. Sterlacci, W. Koch, B. Schif, C. Garbe

061
Form follows function – morphological and immunohistological insights into tumour architecture
Peter Bronsert, Germany
K. Endele-Ammour, M. Bader, T. Ahrens, T. Keck, M. Werner, U. Wellner

062
A prospective comparison of the method of determining the molecular phenotype of breast cancer on the basis of multigenic panel OncoQuantex and surrogate ICH method
Vladimir Bozhenko, Russia
I. Trotcenko, H. Kudinova, V. Solodkij

063
Down-regulation of RUNX3 expression in solid tumours metastatic to the brain
Denise Peker, USA
B. Chakravarthi, G. Siegal, S. Varambally, S. Harada

PS-23 Poster Session
Ophthalmic Pathology
Chairs: Robert M. Verdijk, The Netherlands
Daniela Mihic-Probst, Switzerland

001
Morphologic spectrum of conjunctival neoplasms in Jos, North Central Nigeria
Olanrewaju Ajetunmobi, Nigeria

003
Neuron-specific enolase, synaptophysin and pRb (RB1) expression in retinoblastomas: Immunohistochemical study on whole tissue sections and tissue microarrays
Jose Carlos Lopez Lopez, Spain
N. Fernandez Alonso, J. Cuevas Alvarez, T. Garcia Caballero, J. C. Pastor Jimeno

004
Morphological spectrum of orbitoocular diseases in a tertiary health centre in Keffi, North Central Nigeria
Olaejirinde Olaofe, Nigeria
M. Onwubuya, M. Owoyele, K. Ezike

005
Choroidal pigmented ganglioneuroma in a patient with neurofibromatosis type 1: A case report
Maya Nourieh, France
J. P. Meningaud, C. Beaulaton, N. Ortonne

006
HEL expression and morphometric design of lacrimal gland in a diabetic rat model
Carmen Lacramioara Zamfir, Romania
T. Alexa, A. Filip, A. Luca, A. Cantemir, R. Folescu, A. Alexa
Thursday, 29 Sept

Poster Presentations ▶ Thursday

IAP / ESP 2016 · Cologne

007
IgG4-related chorioretinitis: A case report
Konstantin Pavlov, Russia
I. Kazantseva, S. Lishchuk, E. Grishina, A. Ryabtseva

008
Primary orbital leiomyosarcoma: Report of a rare case
Hyun-Joo Choi, Republic of Korea
U.-J. Cho, Y.-I. Kim, S.-W. Lee, C.-Y. Yoo

009
Histopathological findings regarding absolute glaucoma
Adrian Dumitru, Romania

010
Retinoblastoma in Sudanese Patients: A clinicopathological study in one eye centre
Salwa Mekki, Sudan
T. Osman, E. Yassen, Q. Mohamed, S. Elagib, K. Hamad

012
Orbital small B cell lymphoma chronic lymphocytic leukemia like
Ines Saguem, Tunisia
R. Kallel, I. Ayedi, H. Ben Salah, J. Daoud, M. Frikha, T. Boudawara, S. Charfi

015
The Value of ‘en toto’ globe submission in the assessment of high risk retinoblastoma cases and subsequent plan for treatment
Hind Alkatan, Saudi Arabia
H. Al Balawi, A. Maktabi

003
Clinicopathological correlation of tumour-associated macrophages in Ewing sarcoma
Iva Zambo, Czech Republic

004
Cell cycle based prognostic model for progression-free survival of giant cell tumour of bone patients
Maté Maros, Germany

005
Expression of Emmprin (CD147) in Kaposi sarcoma cases: Relation with biologic behaviour
Zarifa Yusifli, Turkey
M. G. Gedikoglu

006
The subclonal diversity in Ewing sarcoma exhibit also a different biology
Eberhard Korsching, Germany
N. Mallela, J. Seggewiss, M. Jakalski, U. Dirksen, M. Hotfilder

007
High-risk Gastrointestinal Stromal Tumour (GIST) and Synovial Sarcoma (SS) display similar angiogenic profiles: A nude mice xenograft study
Antonio Llombart Bosch, Spain
J. A. López Guerrero, I. Machado, F. Giner

008
Intraosseous synovial sarcoma of the femur: Morphological and molecular study
Elaine Mejia Urbáez, Spain

PS-24
Poster Session

Soft Tissue and Bone Pathology
Chairs: Thomas Mentzel, Germany
Pancras Hogendoorn, The Netherlands

002
A clinicopathologic study of nine cases of Composite Hemangioendothelioma (CHE)
Masaharu Fukunaga, Japan
<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
</table>
| 009 | Classification and diagnostic prediction of sarcoma subtypes using DNA methylation profiling | Christian Kölsche, Germany  
| 010 | Giant cell fibroblastoma: A rare mesenchymal neoplasm                 | Nerea Torrecilla Idoipe, Spain  
S. Vicente, A. Valero, A. B. Roche, S. Simón, M. A. Trigo, J. I. Franco Rubio, M. J. Viso Soriano, C. Hörndler |
| 011 | Morphological, immunohistochemical and molecular profile of Desmoplastic Small Round Cell Tumour (DSRCT): 23 cases from a single institute | Cisel Aydin Mericoz, Turkey  
K. Kosemehmetoglu, D. Orhan, G. Gedikoglu |
| 012 | The GNAS in Ewing sarcoma                                             | Yong-Koo Park, Republic of Korea  
| 013 | Aneurysmal cyst of soft tissue: A case report                         | Iclal Gürses, Turkey  
G. Emek Yüksek, D. Gürsoy, N. Eti, C. Yılmaz |
| 014 | The evaluation of importance of new immunohistochemical markers for the diagnosis and differential diagnosis of mesenchymal tumours | Gülfiız Gonlusen, Turkey  
S. Karabag, K. Erdoğan, M. A. Deveci |
| 015 | Ewing sarcomas highly express mortalin                                | Sinclair Dundas, United Kingdom  
G. Murray |
| 016 | Clinicopathological spectrum of a series of pseudosarcomatous lesions of soft tissues from a single tertiary cancer referral centre in India | Akta Dubey, India  
B. Rekhi, N. Jambhekar |
| 017 | Pleomorphic paratesticular rhabdomyosarcoma in an adult: A case report | Nikołaj Pouliantitis, Greece  
I. Themeli, G. Kyriakopoulos, C. Stamou, E. Kavadas, C. Kouvidou |
| 018 | Gastric schwannoma: Report of three cases                             | Svetlana Rjabceva, Belarus  
I. Dulinez, T. Nabebina, M. Vazmitsel |
| 019 | Tenosynovial aspergillosis of the hand complicating corticosteroid injection: A case report | Kyi-Beom Lee, Republic of Korea  
K.-J. Han |
| 020 | Kaposiform hemangioendothelioma arising in retroperitoneum: Case report and review of the literature | Panagiota Ravazoula, Greece  
K. Kekempanou, E. K. Nikolatou |
| 021 | Myoepithelial carcinoma of the vertebrae: A case report and review of the literature | Filipa Moreno, Portugal  
L. Barros, V. Oliveira, M. Magalhães, P. Cardoso, J. R. Vizcaíno |
| 022 | Histiocytic sarcoma involving the central nervous system: A case report | Ayse Nur İvan, Turkey  
C. S. Topal, M. Dogan Altunpulluk, G. Kir |
| 023 | Synovial sarcoma: A case report of rare localization                  | Yuriy Rogov, Belarus  
N. Kornev, O. Solodkaya |
| 024 | Preoperative radiation therapy for high-risk soft tissue sarcomas of extremities: Histopathological response and predictive and prognostic factor evaluation | Melanie Straub, Germany  
B. Rüper, H. Rechl, K. Wörtler, R. von Eisenhart-Rothe, R. Langer, K. Specht |
025 Gastrointestinal stromal tumours: Analysis of TLE3 expression
Svetlana Rjabceva, Belarus
M. Vazimitsel

026 Denosumab related histopathological or morphological changes can mimic malignancy
Melisa Ozge Tepe, Turkey
B. Bilgiç, H. Özger, B. Alpan

027 Diagnostic approach to metastatic carcinomas of bone: Review of 426 cases
Kenan Baris Bingül, Turkey
B. Keçeci, M. Argin, M. Sezak, D. Sabah, B. Doganavsargil

028 PD-L1 expression in malignant mesenchymal tumours
Kemal Kosemehmetoglu, Turkey
E. Ozogul, B. Babaoglu, G. Gedikoglu

029 Intravertebral benign notochordal cell tumour: A case report and differential diagnosis
Pinar Karabagli, Turkey
E. Koktekir, H. Karabagli, Y. Paksoy

030 Clinical and histopathological difficulties in differential diagnosis of alveolar soft part sarcoma in a three-year-old patient: A case report
Patricia-Irina Stinga, Romania

032 Diagnosis of inflammatory myofibroblastic tumour: Importance of histological features in the absence of ALK alterations
Laura Hernández León, Spain
A. Quer, X. Sáenz-Sardà, C. Sanz, A. Muñoz-Mármol, E. Fornas

033 Osteoarticular and soft tissue tuberculosis: An attempt of assessing of the main clinical morphological aspects
Iancu Emil Plesea, Romania
E. L. Popescu, G. Popescu, V. Hulea, C. D. Uscatu, M. S. Serbanescu, R. M. Plesea

034 Diagnostics of chronic systemic inflammation (CSI) in patients with inflammatory joint diseases
Liliya Solomatina, Russia
I. Zhuravleva

035 Prognostic relevance of myogenic differentiation, FNCLCC grading and MDM2 amplification levels in well-differentiated and dedifferentiated liposarcoma: A study of 70 cases
Evelyne Lecoutere, Belgium
J. Van Dorpe, S. Verbeke, J. van Gorp, U. Flucke, M. van Bockstal, L. Ferdinande, D. Creytens

036 Correlation of microvessel density with proliferation index and clinico-pathological parameters in primary malignant bone tumours: A pilot study
Anshu Jain, India
S. Qayoom, V. Maheshwari, R. Chaturvedi, V. Jain

037 Problems in the diagnosis of soft tissue tumours in resource-limited countries
Samir Amr, Saudi Arabia

038 The effects of intratendinous injections of corticosteroid into achilles tendon: An experimental randomized study in a rabbit model
Alexandre Todorovic Fabro, Brazil

039 Cigarette smoke exposure leads to bone resorption, matrix remodeling and a worsening in bone mineralization
Walcy Rosolia Teodoro, Brazil
040
Synovial biopsy in etiological diagnosis of mono and oligoarthritis: A clinicopathological correlation
Asma Sassi, Tunisia
B. Chelly, H. Azzouz, A. Zhani, I. Chelly, S. Haouet, N. Kchir, M. A. Bani

042
An unusual malignant tumour of the spermatic cord: Dedifferentiated liposarcoma with a large rhabdomyosarcomatous component
Alis Dema, Romania
D. Herman, S. Taban, R. Prejbeanu, I. Avram, A. Vaduva, S. Dema, A. Marian

045
C-Kit, CD34 & Alpha-SMA immunohistochemical features in classic Kaposi sarcoma and Kaposiform hemangioendothelioma
Eiman Adel Hasby Saad, Egypt
N. El-Mashad, R. El-Tatawy

047
Superficial (cutaneous and subcutaneous) malignant neoplasms with EWSR1 rearrangement
Janusz Rys, Poland
A. Harazin-Lechowska, A. Kruczak, M. Vogelgesang

048
Histopathological features of four rare forms of chordoma
Devmalya Banerjee, India
B. Rekhi

049
High prevalence of autoimmune disease in the rare inflammatory bone disorder sternocostoclavicular hyperostosis
Pieter Valkema, The Netherlands
C. Luymes, J. Witteveen, S. le Cessie, N. Appelman-Dijkstra, P. Hogendoorn, N. Hamdy

001
Necdin overexpression is an independent poor prognostic factor for patients with urothelial carcinomas
I-Wei Chang, Taiwan
C.-F. Li

002
The prognostic impact of C1s expression on patients with urothelial carcinomas of upper urinary tracts and bladders
I-Wei Chang, Taiwan
C.-F. Li

003
Expression of BRCA2 protein in prostatectomy and its correlation with needle core biopsy in patients with prostate cancer
Alfredo Ribeiro-Silva, Brazil
S. Duarte, J. Zanetti, R. Pereira, R. Reis

004
Histopathological pattern of bladder cancer in Kano: A ten year retrospective study and update
Solomon Raphael, Nigeria
S. Adam, O. Ochicha, Y. Iliyasu

005
The members of Wnt pathway SFRP1, SFRP3, and DVL1 are downregulated in testicular germ cell tumours
Dora Fabijanovic, Croatia
I. Zunic, T. Nikuseva Martic, F. Skenderi, L. Serman, S. Vranic

006
Clinicopathological findings, outcome following radical prostatectomies, and location of index tumour: Are different comparing younger vs older patients?
Athanase Billis, Brazil
Juxtaglomerular cell tumour of kidney with CD34 and Bcl-2 immunoreactivity: A diagnostic pitfall
Vanessa Henriques, Portugal

Prognostic impact of thrombospodin-2 (THBS2) overexpression on patients with urothelial carcinomas of upper urinary tracts and bladders
I-Wei Chang, Taiwan
C.-F. Li

ERG immunohistochemistry in ASAP: Predictive value for Prostatic Adenocarcinoma (PCA)
Daniela Catargiu, Ireland
T. McHale

Complex approaches at study of prostate pathology
Tatyana Pavlova, Russia
I. Pavlov

A study of HER-2/neu expression in urothelial carcinoma of the urinary bladder
Paraskevi Tziakou, Greece
D. Myoteri, V. Papamichail, E. Delliou, D. Dellaportas, A. Zizi-Sermpetzoglou

Persistent müllerian duct syndrome
Sara Simón Portero, Spain

Vessel malformation in children with Congenital Hydronephrosis (CH)
Evgenija Kogan, Russia
L. Severgina, L. Menovschikova

Isolated retroperitoneal hydatid cyst
M. Sahin Bagbanci, Turkey
M. Dadali, R. S. Cetinkaya, A. Karabulut, A. Kilicli, M. L. Emir

Immunohistochemical expression of markers Ki67 and Her2neu in urothelial carcinoma and its correlation with clinicopathological parameters in Indian subcontinents
Suresh Babu, India
P. Konyak, M. Kumar, A. Singhai, M. Sagar, R. Kushwaha, A. Kumar, N. Husain, V. Singh, R. J. Sinha, S. Sankhwar

Prognostic impact of thrombospodin-2 (THBS2) overexpression on patients with urothelial carcinomas of upper urinary tracts and bladders
I-Wei Chang, Taiwan
C.-F. Li

ERG immunohistochemistry in ASAP: Predictive value for Prostatic Adenocarcinoma (PCA)
Daniela Catargiu, Ireland
T. McHale

Complex approaches at study of prostate pathology
Tatyana Pavlova, Russia
I. Pavlov

A study of HER-2/neu expression in urothelial carcinoma of the urinary bladder
Paraskevi Tziakou, Greece
D. Myoteri, V. Papamichail, E. Delliou, D. Dellaportas, A. Zizi-Sermpetzoglou

Persistent müllerian duct syndrome
Sara Simón Portero, Spain

Vessel malformation in children with Congenital Hydronephrosis (CH)
Evgenija Kogan, Russia
L. Severgina, L. Menovschikova

Isolated retroperitoneal hydatid cyst
M. Sahin Bagbanci, Turkey
M. Dadali, R. S. Cetinkaya, A. Karabulut, A. Kilicli, M. L. Emir

Immunohistochemical expression of markers Ki67 and Her2neu in urothelial carcinoma and its correlation with clinicopathological parameters in Indian subcontinents
Suresh Babu, India
P. Konyak, M. Kumar, A. Singhai, M. Sagar, R. Kushwaha, A. Kumar, N. Husain, V. Singh, R. J. Sinha, S. Sankhwar

Prognostic impact of thrombospodin-2 (THBS2) overexpression on patients with urothelial carcinomas of upper urinary tracts and bladders
I-Wei Chang, Taiwan
C.-F. Li
023
Quantifying subepithelial connective tissue infiltration in bladder urothelial carcinoma in pT1 staging as risk factor of progression and/or relapse
*Miguel Angel Trigo Cebrián*, Spain

024
Small Cell Carcinoma (SCC) of the bladder: A rare and aggressive neoplasm
*José Ignacio Franco Rubio*, Spain

025
Raman-fluorescence spectroscopy: Applications in diagnostics of prostate cancer
*Sofya Avraamova*, Russia
N. Aleksandrov, Y. Kirillov

026
TERT promoter mutation ratio of the urothelial carcinoma in Korean is lower than other ethnic groups
*Chan Choi*, Republic of Korea
J.-A. Kim, S.-S. Kim

027
Evaluation of Muc1 and P53 expressions in noninvasive papillary urothelial neoplasms of bladder, their relationship with tumour grade and role in the differential diagnosis
*Esin Kaymaz Gezer*, Turkey
E. Ozer, H. Unverdi, S. Gonen Hucumenoglu

028
Prognostic significance and biopsy characteristics of seminal vesicle invasion of prostate cancer: A nationwide registry study
*Anna Kristiansen*, Sweden
L. Drevin, P. Stattin, L. Egevad

029
Unusual renal cancer resembling Warthin's tumour
*Krzysztof Okon*, Poland
J. Hankus, P. Dudek, P. Chlosta

030
Prostatic polyp of the ureter: An uncommon location
*Bethany Mariana Michaëliades*, Greece
E. Tsiliaka, A. Kostopoulou, C. Karambogias, C. Fragkoulis, G. Papadopoulos, A. Fragkoulis, K. Ntoumas, T. Choreftaki

031
Application of Raman-fluorescence spectroscopy for diagnosis of kidney cancer
*Nikolay Aleksandrov*, Russia
S. Avraamova, Y. Kirillov, Y. Poluektov

032
Papillary adenoma of the kidney
*Anna Caliò*, Italy
K. A. Warfel, J. N. Eble

033
Renomedullary interstitial cell tumours
*Anna Caliò*, Italy
K. A. Warfel, J. N. Eble

034
Primary Squamous Cell Carcinoma (SCC) of the renal pelvis: A retrospective study of 14 cases
*Ines Saguem*, Tunisia
R. Kallel, D. Maalej, M. Fourati, S. Charfi, M. Bouhamed, T. Boudawara, L. Ayadi

035
Glomerulocystic kidney presenting as a unilateral kidney mass in an infant with tuberous sclerosis: Report of a case and review of the literature
*Miguel Rito*, Portugal
R. Adame Cabrera

036
Renal tuberculosis: A retrospective study of 100 cases
*Mohamed Amine Bani*, Tunisia
A. Zehani, I. Chelly, B. Chelly, H. Azouz, S. Haouet, N. Kchir

037
Clear cell papillary renal cell carcinoma: Distinct histopathologic and molecular genetic new entity
*Yoldez Houcine*, Tunisia
Thursday, 29 Sept

Poster Presentations ➤ Thursday

038
Useful immunohistochemical panel for differentiating renal cell carcinoma with papillary pattern
Yoldez Houcine, Tunisia
A. Blel, N. Znaidi, A. Arfaoui, R. Aloui, Y. S. Zidi, S. Rammehe, I. Saguem

039
Metastasizing pleomorphic adenoma: Report of one case and literature review
Maria Teresa Gonzalez Serrano, Spain
H. Fuentes Vaamonde, J. Alvarez Kindelan, M. Medina Perez

040
Genomic analysis of pure yolk sac tumours of testicular origin
Donna Hansel, USA
J. Katzenberg, S. Diamond, T. Ulbright, J. Thorson

041
Serous carcinoma involving the bladder wall: A mimicker of urothelial carcinoma
Donna Hansel, USA
L. Mirsadraei, O. Fadare

042
Performance evaluation of a novel rabbit monoclonal antibody to P504S in IHC staining of FFPE tissue
Amy Hanlon Newell, USA
M. Roudier, P. Brunhoeber, S. Hameroff, N. Sebastiao

043
GATA-3 expression in normal and neoplastic prostate: A comparative analysis with regard to 34BE12 cytokeratin
Débora Chantada de La Fuente, Spain

044
Profile of cancer of the prostate in Rwanda: Demographics, diagnosis, gleason score and prognostic grading
Thierry Zawadi Muvunyi, Rwanda
E. Ngendahayo, E. Rwamasirabo, R. Kalengayi

045
Uncommon variants of urothelial carcinoma: A twelve years study in a Romanian county hospital
Angela Borda, Romania
A. Loghin, A. Nechifor-Boila, A. Dema, N. Berger

046
Expression of putative cancer stem cell markers CD44 and CD133 in prostate carcinomas: A tissue microarray study of Iranian patients
Mojgan Asgari, Iran
E. Kalantari, S. Nikpanah, N. Salarieh, Z. Madjd

047
Langerhans cell histiocytosis within a clear cell renal cell carcinoma
Michael Bonert, Canada
C. Lemieux, A. Kapoor

048
Is immediately repeat biopsy necessary for Atypical Small Acinar Proliferation (ASAP)?
Ayse Nur Ihvan, Turkey
M. Dogan Altunpulluk, F. G. Ayranci, H. Mollamemisoglu, I. E. Zemheri

049
What is the significance of rete testis invasion by malign germ cell tumour and does hilum predicts metastasis?
Ayse Nur Ihvan, Turkey
C. Ediz

050
Comparative morphology analysis of kidneys at different kinds of implants in nephropexy: Experimental study
Aigerim Abatova, Kazakhstan
M. Tusupbecova, N. Abatov, J. Alberton, E. Assamidonov

051
A grading dilemma; Gleason scoring system: Are we sufficiently compatible?
Multi-center study from Turkey
Yelda Dere, Turkey
052 Evaluation of prognostic sub-classifications T1a/b and T1m/e in T1 bladder cancer
Margot Bucau, France
E. Xylinas, B. Terris, M. Sibony

053 Clinicopathological presentation of neuroendocrine tumours of the prostate:
A study of 20 cases
Slim Charfi, Tunisia
M. Triki, H. Mnif, M. Bouhamed,
O. Boudawara, W. Gribi, T. Boudawara,
L. Ayedi

054 Prognostic significance of lymphatic vessel density detected by D2-40 and its relation to Claudin-4 expression in prostatic adenocarcinoma
Dina Radi, Egypt
M. Abd-Elazeem

055 Histopathological examination of 554 transurethral resection specimens of urinary bladder tumours
Hampar Akkaya, Turkey
H. S. Toru, B. Akkaya, O. Y. Kocabas,
K. H. Gukesen, I. T. Koksal

056 Mucinous tubular and spindle cell carcinoma: Morphological heterogeneity and diagnostic pitfalls
Ana Pires-Luis, Portugal
J. Lobo, C. Meireles, D. Montezuma,
M. Farinha, A. Rodrigues, J. Loureiro,
R. Henrique

057 Papillary renal cell carcinoma: Clinicopathological and immunohistochemical study of 15 cases
Joao Correia-Pinto, Portugal
R. Machado-Neves, T. Amaro, M. Honavar

058 Temporal trends in pathologic carcinoma staging in a 23-year cohort of men treated with radical prostatectomy
Allen Burke, USA
I. Rosner, S. Brassell, K. Rice, W. Gesztes,
J. Cullen, S. Srivastava, D. McLeod

059 Predicting the BCG response in bladder urothelial carcinoma: Utility of the Th2/Th1 ratio in peritumoral lymphocytes
Alba Hernández Gallego, Spain
P. Vargas Ramos, M. López, R. Martínez Rodriguez, C. Cabrera, G. Tapia Melendo

060 Non-urothelial bladder tumours:
A morphological study
Adeline-Roxana Bucur, Romania
I. Mihai, D. Anderco, M. Iacob, D. Herman,
D. Szilagyi, S. Costi, S. Taban, A. Muresan,
A. Dema

061 Retrospective analysis of urothelial bladder carcinoma in the age group of 45 years and under
Ioana Mihai, Romania
A. Gheju, G.-E. Olteanu, A.-R. Bucur,
M. Iacob, D. Herman, R. Bardan,
A. Cumpanas, A. Dema

062 Genetic alteration in urothelial carcinoma:
Comparison between upper tract and bladder origin
Jean-Christophe Tille, Switzerland
G. Cancel-Tassin, O. Cussenot, E. Comperat

063 PTEN loss in noninvasive low-grade papillary urothelial carcinoma
Sehbal Arslankoz, Turkey
G. J. Netto, D. Ertay Baydar

064 Sclerosing Sertoli cell tumour: Pitfalls in the diagnosis of a rare neoplasm
Samir Amr, Saudi Arabia
M. Abdelkader

065 Characteristics of PIN associated with the presence of prostate cancer
Yuriy Rogov, Belarus
T. Liatkouskaya, E. Cherstvoy, V. Zakharava,
I. Masansky, S. Kuralenya, M. Ivanovskaya,
L. Sagalchik, D. Nitkin, S. Dedik
066 Immunohistochemical characteristics of prostate cancer in patients with age-related androgen deficiency and metabolic syndrome
Yuriy Rogov, Belarus

067 Clinical significance of putative stemness marker Nanog in different histological subtypes of renal cell carcinoma. A study using tissue microarrays (TMA)
Mitra Mehrzam, Iran
A. Rasti, Z. Madj Jabbari, M. Abolhasani, L. Saeed Nejad

068 Bilateral testicular germ cell tumours: 3 case reports and review of the literature
Simge Erbil, Turkey
B. Sarsik, A. Simsir, E. Kismali, B. Turna, S. Sen

069 Synchronous bilateral testicular tumors with different histopathology: Dermoid and epidermoid cyst
Simge Erbil, Turkey
B. Sarsik, B. Altay, M. Harman, S. Sen

070 Cytologic diagnosis of plasmocytoid and small cell neuroendocrine carcinoma of the bladder in urine samples
Daniela Carolina Fuel Gómez, Spain
B. Vicandi, P. López Ferrer, A. Rodríguez García, E. García Fernández, M. Picazo, J. M. Viguer, P. González-Peramato

071 Clear cell adenocarcinoma of the remnant uterus in a male patient with persistent Mullerian duct syndrome: A case report
Persefoni Xirou, Greece
N. Vladika, S. Barbani, E. Botsfari, B. Christoforidou, N. Dimasis, F. Patakouta, E. Triantafyllidou

072 DNA repair gene polymorphisms and risk of clear cell renal cell carcinoma
Andrada Loghin, Romania
C. Banescu, A. Nechifor-Boila, C. Chibelean, O. Martha, A. Nechifor-Boila, F. Tripion, S. Voidazan, A. Borda

073 Diagnostic value of percutaneous biopsy for renal masses: A study of 138 cases
Emel Rodoplu Ünal, Turkey
B. Ögüt, I. Isik Gönül, R. Yildiz, S. Sözen

076 Extragastrointestinal stromal tumour (EGIST) of the bladder – a case report
Gabriel Pop, Romania

077 pT1 Urothelial carcinomas: A molecular subclassification and correlation with other immunohistochemical features
Marina Gándara Cortés, Spain
P. San Miguel, J. A. Ortiz-Rey, E. López-Diez, M. Castro, C. Gómez-De María, D. Chantada

078 Metachronus bilateral testicular germ cell tumours – report of two cases
Adelina Birceanu-Corobea, Romania
M. G. Hortopan, V. Herlea, A. Evsei, A. Ciobanu, G. Birceanu-Corobea, C. Iosif, M. Marcian, I. Sinescu

079 Prognostic value of the proliferative index determined by Ki-67 (Bmi-1) in primary papillary urothelial tumours of the bladder (stage Ta/T1): Algerian prospective study about 117 cases
Latreche Batoul, Algeria
B. A. Rebiha, B.-B. Kheira, B. Abedelouahab, B. Kamel, A. Kamel

080 Prognostic significance of contemporary prostate cancer grading system in tumours with positive surgical margins
Gordana Dordevic, Croatia
S. Stifter, R. Oguic, V. Mozetic, E. Cini-Tesar, A. Belancic
081 HLA-G expression and its prognostic value in renal cell carcinoma
Patricia Sota, Spain

083 Down-regulation of protein arginine methyltransferase 1 (PRMT1) gene expression in renal cell carcinomas
Jelena Vještica, Serbia
M. Životic, M. Botic, S. Cirovic, D. Dundjerovic, D. Djordjevic, J. Markovic-Lipkovski

084 Large cell neuroendocrine carcinoma of the kidney with sarcomatoid differentiation
Ipek Isik Gönül, Turkey
B. Ödüt, A. Çiltaş, R. Civelek, M. Benekli

085 GLO1 protein expression is strongly linked to adverse tumour phenotype and early PSA recurrence in prostate cancer
Christoph Burdelski, Germany

086 Loss of Kallikrein related peptidase 2 expression in prostate cancer is linked to adverse tumour stage and early biochemical recurrence in prostate cancer
Christoph Burdelski, Germany
A. Heumann, M. C. Tsourlakis, C. Koop, S. Minner, R. Simon, T. Schlomm, G. Sauter

087 Nephrogenic adenoma of the urinary tract: A 6-year single center experience
Didem Turcan, Turkey
M. Acikalin, E. Yilmaz, F. Canaz, D. Arik

089 Spermatocytic seminoma: Report of three cases
Adisa Chikha, Bosnia and Herzegovina
N. Ibisevic, F. Skenderi, S. Vranic, N. Bilalovic, M. Selimovic

090 Histologic evaluation of the remnant associated with testicular regression syndrome: Groin exploration may be no longer indicated!
Ines Haddad, Tunisia
Y. Sghaier, A. Moussa, E. Chouat, M. Njima, A. Zakhama, L. Njim

091 TOMM34 expression and clinicopathological correlations in urothelial carcinoma of the urinary bladder
Mohamed Abdelhamid Hasan Ahmed, United Kingdom

092 Nuclear grade predicts prostate cancer outcomes among radical prostatectomy patients
Jennifer Cullen, USA
A. Burke, D. Kim, W. Gesztes, L. Hurwitz, H.-C. Kuo, S. Elsamanoudi, Y. Chen, I. Rosner, I. Sesterhenn
CPO HANSER SERVICE is specialized in the field of Conference, Event, Destination Management and Association Management and has been organizing events of any size throughout Germany and worldwide for more than 30 years.

We offer you:

- the best congress organization
- state-of-the-art online solutions
- electronic abstract handling
- CME accreditation handling
- effective congress technology
- sponsoring and exhibition acquisition and management
- finance management
- professional tax solutions
- creative event programs
- inhouse graphic design

BERTIN
Paulsborner Str. 44
14193 Berlin, Germany
phone +49-30-300 669 0
fax +49-30-305 73 91
email berlin@cpo-hanser.de

HAMBURG
Zum Ehrenhain 34
22885 Barsbüttel, Germany
phone +49-40-670 882 0
fax +49-40-670 32 83
email hamburg@cpo-hanser.de

www.cpo-hanser.de
E-Posters can be searched for and viewed electronically on the 8 terminals in the poster area in Hall 11.3 from Monday, 26 to Thursday, 29 September 2016.
E-PS-01 E-Posters

**Breast Pathology**

**001**
Analysis of clinical-pathological features and Body Index Mass (BMI) in patients with invasive Breast Carcinoma (BC)
*Simona Stolnicu, Romania*
*R. Georgescu, M. F. Coros, D. Moncea, C. Moldovan, O. Bauer*

**002**
Livin gene expression in breast carcinoma: Correlation with prognostic factors and patient outcome
*Dina Abdallah, Egypt*
*K. Soliman, G. Khedr*

**003**
Invasive lobular carcinoma with an initial presentation of metastases to uterus and both adnexa
*Ho-Chang Lee, Republic of Korea*
*S.-M. Son, Y.-M. Lee, O.-J. Lee*

**004**
A study of claudins 1, 3 and 4 in pre-cancerous lesions and non-invasive cancers of the breast
*Oliver Anscombe, United Kingdom*
*S. Shousha*

**005**
Histopathology and molecular classification of women with breast cancer managed at a Haitian hospital from January 1st, 2014 to December 31st, 2015
*Joseph Junior Bernard, Republic of Haiti*
*P. Garvey, S. Raymond, V. De Gennaro Jr, D. Gabriel, D. Gabriel*

**006**
High CD105 protein expression is related to phyllodes tumours malignancy: Report of a borderline phyllodes tumour with rapid lung metastases and study of 54 breast phyllodes tumours
*Kun Mu, People's Republic of China*
*K. Wang, R. Shi, Z. Liu, D. Yang, W. Zou*

**007**
Intra-tumour genetic heterogeneity in breast cancer: A case report
*Alexander Matsionis, Russia*
*I. Pavlenko, A. Petrov*

**008**
Intratumoural heterogeneity in breast cancer
*Valentine Pechnikova, Russia*
*M. Mnikhovich, L. Kaktursky, A. Gallyamova, V. Luchinin*

**009**
Expression of epithelial-mesenchymal transition markers in breast cancer tumours
*Maxim Mnikhovich, Russia*
*L. Kaktursky, A. Gallyamova, V. Pechnikova, K. Midiber*

**011**
Homogenous solid lesion, right upper outer quadrant: A histological red herring
*Claire Roberts, Ireland*
*N. Shah*

**012**
Application of immunohistochemistry in diagnosis of the microinvasive carcinoma of the breast
*Yun Niu, People's Republic of China*
*L. Wang, C. Xu, Y. Yang*

**013**
The occurrence of relapses in the breast cancer immunophenotypes
*Dzengis Jasar, Republic of Macedonia*
*K. Kubelka-Sabit, V. Filipovski*

**015**
Spindle cell lesions of the breast: Report of three cases with emphasis on differential diagnosis
*Persefoni Xirou, Greece*
*D. Gerasimidou, S. Barbanis, D. Minotakis, B. Christoforidou, R. Iosiphidou, F. Patakiouta, E. Rouptsiou*

**016**
Mucocoele like tumour of the breast: Associated with ductal carcinoma in situ and focal ductal carcinoma. Should we operate these patients?
*Serdar Altinay, Turkey*
*S. Ersöz, Y. Uye, F. Ozdemir*

**017**
Desmoid tumour of the breast: A case report
*Meryem Rais, Morocco*
*S. Ech-Charif, L. Bahi, J. Kharmoum, B. El-Khannoussi*
Molecular classification of pure ductal carcinoma in situ of the breast: A study of 21 cases
*Nihed Abdessayed*, Tunisia
A. Bdioui, M. Guerfala, H. Ouled Bar, Y. Sghaier, S. Chaieb, M. Mokni

Metaplastic carcinoma of the breast: A case report
*Marwa Guerfala*, Tunisia
S. Mestiri, N. Abdessayed, Y. Sghaier, S. Chaieb, S. Ziadi, M. Mokni

Pathological response to neoadjuvant chemotherapy in young breast cancer: Correlation between age and treatment response
*Nawal Nassima Benchiba*, Algeria
L. Houti

Prognosis model of young breast cancer in women of western Algeria who underwent neoadjuvant chemotherapy
*Nawal Nassima Benchiba*, Algeria
S. Moulessehoul, L. Houti

Benign phyllodes tumour with extensive squamous metaplasia: Case report
*Eda Yılmaz Akçay*, Turkey
M. Tepeoglu, S. Kazanci, B. H. Ozdemir

Cardiac metastatic tumours: A rare entity in the spotlight
*Sarat Aviel-Ronen*, Israel
I. Burazor, M. Imazio, O. Goitein, M. Perelman, N. Shelestovich, S. Susak, N. Radovanovic, V. Kanjuh, I. Barshack, Y. Adler

Extensively metastasized cardiac angiosarcoma mimicking systemic sarcoidosis
*Maike Wittersheim*, Germany
B. Böll, A. Shimabukuro-Vornhagen, R. Castiglione, T. Blau, H. ten Freyhaus, A. Schultheis, R. Büttner, S. C. Schäfer

Targeting exome sequences in congenital heart diseases: Are we there yet?
*Athos Capuani*, Italy

An unsuspected case of primary inferior vena cava sarcoma
*Saranya Singaravel*, India
P. Vaideeswar

Fabry disease in heart: Clinical-pathological correlation
*Antonio Rizo Barrios*, Spain
F. Leiva, R. Ortega

Angiosarcoma of the heart with a rapid metastatic progression: A case report
*Svetlana Rjabceva*, Belarus
I. Dulinez, M. Vazmitsel

 Interruption of Aortic Arch in an adult
*Saranya Singaravel*, India
P. Vaideeswar

Allergic myocarditis: Rare cause of sudden death
*Fotios Chatzinikolaou*, Greece
A. Nikolaidou, F. Patakiouta, A. Deliligka, E. Goupou, A. Enache

Metaplastic bone formation with extramedullary hematopoiesis on the aortic valve: An unexpected discovery in case of a sudden death
*Laura Chinezu*, Romania
C. Carasca, A.-A. Keresztesi, H. Jung, J. Jung, A. Borda

Cardiac myxoma: Four cases with evaluation of immunohistochemically by neuroendocrin differentiation markers
*Ezgi Ayhan Cinar*, Turkey
E. Kuman Gezer, D. Gürsoy

Expression of matrix metalloproteinase-9 in ischemic myocardium
*Dalia Pangonyte*, Lithuania
V. Bunevičienė, L. Utkiene, L. Peciulyte, M. Kupryte
013 Lessons from autopsies: An unusual cause of massive upper digestive bleeding  
*Doinita Crisan*, Romania  
F. Crisan, C. S. Lazar, B. Pop

005 Collision tumour: Primary Merckel Cell Carcinoma (MCC) and chronic lymphocytic lymphoma  
*Begoña Fuertes Negro*, Spain  
F. Felipo, J. Lázaro, A. Morales Moya, M. Moros García

007 Interobserver variability of distinguishing between polyarteritis nodosa and superficial thrombophlebitis by histopathologic features  
*Parnthathai Hutachuda*, Thailand  
P. Pattanaprichakul, S. Hanamornroongruang, P. Chanyachailert, P. Sitthinamsuwan

001 Cyto-morphology of malignant melanoma on conventional cervical cytology: Case report & review of literature  
*Anshu Jain*, India  
V. Maheshwari

008 Cutaneous melanoacanthoma  
*Amen Dhaoui*, Tunisia  
A. Ayari, D. Ben Ghachem, A. Souissi, K. Bellil, R. Ben Romdhane

002 Urine analysis of school age children of Dharan Municipality, Nepal  
*Santosh Upadhya Kafle*, Nepal

009 Histopathological and immunological evaluation of canine amniotic membrane implantation in rabbits  
*Iman Shaheed*, Egypt  
F. Fathyf, E.-S. Sheta, H. Haney

003 Breast cancer metastasis to the pancreas: A case report  
*Helder Moreira*, Portugal  
B. Fernandes, R. Almeida, C. Abrantes, M. Guimarães, G. Fernandes, L. Prado e Castro

010 Immunohistochemical expression of Serotonin in psoriasis and eczema  
*Mohamed Amine Bani*, Tunisia  
B. Laabidi, S. Ben Rejeb, D. Ghachem, F. Gargouri, A. Bouziani, I. Msakni

004 Scrotal calcinosis: Analysis of 5 cases  
*Asuman Kilicci*, Turkey  
Z. Kaya

011 Primary PEComa of the skin: A case report  
*Gorana Nikolic*, Serbia  
S. Vladisavljevic, L. Antovic, M. Bosic

012 Diagnostic histopathological criteria of folliculotropic mycosis fungoides: A study of 3 cases  
*Yuriy Rogov*, Belarus  
T. Bich, E. Parhovchenko, Y. Kuzmenka-Maskvina

013 Primary penile kaposi sarcoma: An exceptional tumour in HIV negative patient  
*Yoldez Houcine*, Tunisia  
H. Azzouz, B. Chelly, I. Chelly, A. Zehani, W. Rekik, S. Haouet, N. Kchir
014
Synovial metastasis: Exceptional location of metastatic melanoma
Yoldez Houcine, Tunisia
H. Azzouz, A. Sassi, I. Chelly, W. Rekik, A. Zehani, H. Slim, N. Kchir

015
Chondroid Syringoma: Report of eight cases and review of the literature
Hande Mollamemisoglu, Turkey
E. Kombak, F. N. Durmus Kocaaslan, Z. L. Cinel

016
Metastasis of skin melanoma in Warthin tumor of salivary gland-case report
Ognjen Zivkovic, Serbia
M. Prvanovic, N. Medic-Milijic, Z. Milovanovic

017
Syringocystadenocarcinoma papilliferum in situ: Report of a case with recurrence
Ezgi Hacihasanoglu, Turkey
C. Leblebici

018
Unusual localisation of primary cutaneous adenoid cystic carcinoma: Case report
Lidija Antovic, Serbia
G. Nikolic, S. Vladisavljevic, M. Bosic

019
Digital papillary adenocarcinoma with bone invasion: A case report
Sandra Vladisavljevic, Serbia
G. Nikolic, L. Antovic, M. Bosic

020
Atypical fibroxanthoma: A histological and immunohistochemical review of 18 cases
Christine Vourlakou, Greece
N. Pouliantitis, I. Themeli, C. Magkou, E. Papagianni, C. Kouvidou

021
Squamous Cell Carcinoma (SCC) on the abdominal wall of a young patient with Werner syndrome: Case report
Merve Cin, Turkey
E. Kimiloglu, O. Gundogar, N. Erdogan, N. Komut, H. G. Erguven

023
Freezing skin tissue in Mohs Micrographic Surgery using PrestoCHILL®
Verónica Caamaño Villaverde, Spain
V. Velasco, I. Allende, I. Ocerin, M. Mendieta

024
Combination of rare skin carcinomas in one affected area in the recipient with the cadaveric kidney allotransplant
Irina Kazantseva, Russia
L. Gurevich, M. Bobrov

025
An unique adnexal skin tumour: Eccrine spiriofibroadenoma
Buse Uguralp, Turkey
D. Canoglu, D. Sakiz

026
Primary cutaneous perivascular epithelioid cell tumour: A case report
Alexandra Ioana Dragusin, Romania

027
Primary subcutaneous hydatid cyst: A case report
Dorra Ghachem, Tunisia
B. Laabidi, M. A. Bani, S. Ben Rejeb, L. Bel Hadj Kacem, F. Gargouri, O. Bel Hadj Amine, A. Bouziani, I. Msakni

028
Malignant spiradenocarcinoma mimicking a breast carcinoma
Alis Dema, Romania
C. Duta, D. Al-Jobory, A. Radulescu, S. Taban, A. Vuduva, R. Cornea, S. Dema, D. Szilagyi

029
Periungual human papillomavirus type 16 associated with digital squamous cell carcinoma in situ in patient's immunocompromised. A report of 2 cases and review of the literature
Laura Castillo, Spain
O. Cambero Moratalla, D. Arias-Palomo, R. Khedaoui, A. Moreno Torres
<table>
<thead>
<tr>
<th>E-PS-04</th>
<th>E-PS-05</th>
</tr>
</thead>
</table>
| **031** | Malignant chondroid syringoma of scalp – a rare tumour  
*Ebru Cakir*, Turkey  
E. E. Pala, U. Kucuk, P. Oksuz, D. Solakoglu  
Kahraman, Y. B. Ertem |
| **032** | Giant pilomatrixoma mimicking soft tissue sarcoma  
*Begoña Fuertes Negro*, Spain  
| **033** | Epidemiological and clinicopathologic characteristics of Kaposi’s sarcoma: A retrospective analysis of 89 cases in Tunisian center  
*Slim Charfi*, Tunisia  
L. Ayadi, M. Melloulfi, N. Abid, O. Boudawara, W. Ghribi, T. Boudawara, H. Mnif |
| **034** | Neutrophilic panniculitis is an emerging side effect of BRAF inhibitors: A report of 2 cases  
*Joana Ferreira*, Portugal  
H. Toda-Brito, F. Sachse, C. Moura, J. Costa-Rosa |
| **035** | Sebaceous carcinoma, a rare and aggressive cutaneous malignancy: A report of nine cases  
*Alexandra Ioana Dragusin*, Romania  
| **036** | Study of the association between the MCV polyomavirus and Merckel cell carcinoma: About 11 cases of a Tunisian series  
*Marwa Guerfala*, Tunisia  
M. Trimèche, N. Abdessayed, S. Yosra, S. Chaieb, S. Mestiri, S. Ziadi, M. Mokni |
| **037** | Lymphangioma-like Kaposi Sarcoma: A case report of 3 cases  
*Alvaro Castanon Deprit*, Spain  
R. Khedaoui, M. d. Carmen García Donoso, J. C. Tardio Dovao |
| **038** | Neurocristic hemangiomatoma of the scalp  
*Carlos David Paiva*, Portugal  
Moura, E. Rios, J. Manuel Lopes |
| **039** | HPV detection and TP53 immunohistochemical expression in non melanoma skin cancer  
*Ines Ben Ayed*, Tunisia  
H. Tounsi Guettiti, A. Jaballah, M. Kacem, A. Maaloul, T. Assili, S. Abdelhak, M. S. Boubaker |

**Endocrine Pathology**

<table>
<thead>
<tr>
<th>E-PS-05</th>
</tr>
</thead>
</table>
| **002** | WT-1 Immunoreactivity in primary thyroid neoplasms  
*Tülin Yalta*, Turkey  
| **003** | Anaplastic thyroid carcinoma: A case report of a rare lesion with favourable evolution  
*Irina Daniela Florea*, Romania  
D. G. Ciobanu Apostol, E. C. Andriescu, M. C. Ungureanu, A. Florescu, V. Scripcariu |
| **004** | A rare case of pituitary sarcoidosis  
*Lubov Mitrofanova*, Russia  
P. Ryazanov, I. Antonova |
| **005** | Primary and secondary hypophysitis: 5 cases  
*Lubov Mitrofanova*, Russia  
P. Ryazanov, O. Raspopova, N. Mitrofanov, E. Grineva |
| **006** | Loss of ATRX expression in two metachronous pancreatic neuroendocrine neoplasms  
*Georgios Kyriakopoulos*, Greece  
M. Vaslamatzis, G. Kazamias, A. Chatzimirinati, N. Alevizopoulos, T. Argyrokas |
The thyroid cancer: A descriptive study of 84 cases
Leila Beddar, Algeria
T. Seraoula, M. Boukheneb, I. Bali

Primary pigmented nodular adrenocortical disease in carney complex with familial association
Bharani Chemudupati, India
G. Fernandes, S. Shaikh, N. Shah

Oncocytic adrenocortical carcinoma: Report of a case
Zoi Evangelou, Greece
S. Tigas, C. Katsios, A. Batistatou

Clinicopathological features in large parathyroid adenomas: A study from India
Narendra Krishnani, India
N. Chaudhary, N. Kumari, R. Praghan, A. Agarwal

Adrenal cortical neoplasms: A review of clinicopathological features of 21 cases from a single institute in light of Weiss criteria
João Lobo, Portugal
M. Jácome

Malignant succinate dehydrogenase subunit B-associated paraganglioma in a black African patient
Jacqueline Goedhals, South Africa
D. Shone, N. Pearce

Significant predictive biomarkers expression through immunohistochemistry on gastroenteropancreatic neuroendocrine tumours
Rocio López, Colombia
L. E. Barrera Herrera, D. Cañón, K. Olivar

Lymphoepithelial cysts of the thyroid gland in association with papillary carcinoma: Two rare cases
Delia Gabriela Ciobanu Apostol, Romania
L. Lozneanu, A. Grigorovici, R. Danila, C. Andriescu

Retrosternal nodular amyloid goiter associated with papillary microcarcinoma
Arnis Abolins, Latvia
M. Abolina, I. Strumfa, A. Vanags, J. Gardovskis

Paragangliomas: Report of 6 cases
Besma Laabidi, Tunisia
S. Ben Rejeb, M. A. Bani, L. Hadj Kacem, D. Ghachem, F. Gargouri, O. Bel Hadj Amine, A. Bouziani, I. Msakni

Primary leiomyosarcoma of the adrenal gland: A case report
Olympia Tzaida, Greece
I. Provatas, M. Papazian, N. Novkovic, G. Vecchini, I. Nomikos

Biphase production of immunoglobulin from Epstein-Barr virus reactivated lymphocytes in Graves’ disease patients and controls
Keiko Nagata, Japan
K. Kumata, Y. Nakayama, Y. Satoh, M. Matsushita, S. Kuwamoto, M. Kato, H. Sugihara, I. Murakami, K. Hayashi

Effect of gender on estrogen and progesterone receptors expression in nasal polyps
Mohammadreza Jalali Nadoushan, Iran
M. Heshmati, M. Samimi

Association of pituicytoma and ACTH-dependent Cushing’s disease: Report of a case
Lilli La Rocca, Italy
S. Lionti, A. Albani, F. F. Angileri, S. Cannavò, V. Barresi

Ultrastructural characteristics of intracellular contacts in convenient sporadic cases of insulinoma
Oxana Paklina, Russia
I. Chekmareva, D. Kalinin, A. Kaldarov

Parathyroid carcinoma: Two cases report in Khon Kaen Hospital
Apinya Chotiyano, Thailand
P. Tonglao
<table>
<thead>
<tr>
<th>E-Posters</th>
<th>E-Posters</th>
</tr>
</thead>
</table>
| 025 | C-cell hyperplasia in thyroids resected for medullary carcinomas and in other thyroid lesions  
_Svetlana Poletaeva_, Russia  
T. Fedorina, A. Kuklina, M. Dushaeva |
| 027 | Bilateral medullary thyroid microcarcinomas associated with neoplastic C-cell hyperplasia and primary hyperparathyroidism, suggestive for a MEN2A syndrome  
_Angela Borda_, Romania  
A. Farcas, A. Nechifor-Boila, A. Loghin, L. Chinezu, N. Berger |
| 028 | Complex parathyroid tumours – importance of histopathological diagnosis in patient management  
_Preetha Chengot_, United Kingdom  
T. Cvsciuc, M. Lansdown |
| 029 | Nesidioblastosis and pancreatic islet cell hyperplasia arising in a mediastinal mature teratoma  
_Ji-Yun Jeong_, Republic of Korea  
T. I. Park, J. Y. Park, M. H. Han |
| 030 | Metastatic papillary thyroid carcinoma with squamous cell carcinoma differentiation in a cervical lymph node  
_Saadia Makni_, Tunisia  
A. Moussa, E. Chouat, I. Haddad, N. M’hamedi, M. Njima, A. Zakhama, L. Njim |
| 032 | Macrofollicular variant of papillary thyroid carcinoma: A rare but “tricky” papillary carcinomas subtype  
_Claudio Cacchi_, Germany  
A. Heinzel, R. Knüchel-Clarke |
| 033 | Ectopic intrathyroidal thymoma: A case report  
_Raja Jouini_, Tunisia  
A. Bellalah, W. Koubaa, I. Msakni, E. Ben Brahim, A. Chadli |

<table>
<thead>
<tr>
<th>E-PS-06</th>
<th>Digestive Diseases Pathology – GI</th>
</tr>
</thead>
</table>
| 001 | A rare case of primary gastric mantle cell lymphoma  
_Adrian Dumitru_, Romania  
M. Sajin, M. Costache, A. M. Lazaroiu, T.-A. Georgescu, A. Chefani |
| 002 | Ectopic sebaceous glands in the esophagus  
_Enkhee Ochirjav_, Mongolia  
T. Munkhjargal, T. Baldandorj, B. Enkbat, E.-U. Mendbayar |
| 003 | Poorly differentiated neuroendocrine carcinoma of colon: A case of 61-year-old female patient  
_Andrzej Wincewicz_, Poland  
A. Kowalik, S. Zieba, S. Gozdz, S. Sulkowski |
| 004 | Strong positives correlation between COX-2 and FasL expression in colon mucosa of patients with colorectal cancer and inflammatory bowel disease  
_Andrey Kolobov_, Russia  
A. Santimov, V. Karev, O. Kolobova, O. Kalashnikova, N. Volkova, A. Khvatov, M. Belogurova, V. Chasnyk |
| 005 | Non-syndromic intestinal lipomas are probably not associated with mutations of PDGFRA  
_Magdalena Dubova_, Czech Republic  
M. Sedivcova, B. Saskova, S. Hadravska, M. Michal, O. Daum |
| 006 | Utility of immunohistochemical detection of phosphorylated S6 in the diagnosis of Squamous Cell Carcinoma (SCC) of the esophagus in endoscopic biopsies: A preliminary study  
_Magdalena Dubova_, Czech Republic  
B. Saskova, S. Hadravska, M. Michal, O. Daum |
| 007 | WT1 and BCL2 expression in neurogen appendix: Relevance for histogenesis and diagnosis  
_Adriana Handra-Luca_, France  
M. Ben Romdhane, D. Bisseret |
Autophagy-related protein LC3 in Egyptian colorectal cancer: Impact and possible, Dina Abdallah, Egypt
D. Abdelmonsif, M. Moaaz, M. Selimah

Eosinophilic gastroenteritis-institutional experience with pictorial review
Rao Pallavi, India
N. Srikanth, T. M. Amruthesh, S. Sachin, K. Dinesh

Relationships of P38 to AKT pathway protein mTOR and cell proliferation in colorectal adenomas
Adriana Handra-Luca, France
M. Bendib, M. Hourceau, C. Magkou

Immunohistochemical detection of Hsp27 as a prognostic marker in colonic adenocarcinoma
Omnia Rizk, Egypt
M. El-Rashidy

Chronic active cholecystitis with xanthogranulomatous features and hyperplasia of Luschka ducts: Case report
Anca Evsei, Romania
I. A. Cozea, G. Becheanu

Mucinous adenocarcinoma of the gallbladder
Asuman Kilitci, Turkey
R. Ergül

Braf expressions profile in serrated adenomas vs hyperplastic polyps, tubular adenoma and aberrant crypt foci
Tuba Dilay Kokenek-Unal, Turkey
F. Senel, A. Tasdemir, N. Gurcay, I. Coban, H. Karaman

CD47 expression in gastric cancer using immunohistochemistry and mRNA in situ hybridization
Na-Young Han, Republic of Korea
W.-H. Kim

Serrated lesions: Clinical, morphological and genetic studies
Ludmila Mikhailova, Russia
R. Komleva, N. Shakhpazyan, A. Birukov

Carcinosarcoma of the stomach: A case study
Toshikazu Kato, Japan
M. Bamba, R. Kushima, S. Moritani, J. Fujiyama, M. Masuyama, G.-I. Kato, T. Nakayama, H. Sugihara

Early cancer of the stomach: Clinical-morphological and genetic features
Ludmila Mikhailova, Russia
A. Birukov, N. Shakhpazyan, R. Komleva

Serrated-like lesions and colorectal adenocarcinoma in patients with Inflammatory Bowel Disease (IBD): Report of two cases with emphasis on morphology and mismatch repair status
Katerina Kamaradova, Czech Republic
H. Hornychova, T. Rozkos

Phlebosclerosis of submucosal veins leading to ischemic necrosis of the large bowel: The first reported European case of so-called phlebosclerotic colitis with unusual features
Jochen Fries, Germany

Lithiasis in septate gallbladder: Relationship to body mass index and gallbladder length
Adriana Handra-Luca, France
M. Ben Romdhane, S.-M. Hong

Clear cell adenocarcinoma of the colon: A case report and review of the literature
Lorna Donovan, United Kingdom
M. Verma, A. Omiyale

Signet ring cell carcinoma of the ampulla of Vater
Luis Alfaro, Spain
M. J. Roca, S. Pelaez, A. Paradis, M. Hernandez, R. Estevan, L. Sabater
030 Clinicopathological significance of RacGAP1 on gastric gastrointestinal stromal tumours
Sevinç Sahin, Turkey

032 Circumferential margin involvement after total mesorectal excision for rectal cancer: Are patients all equals?
Aurélie Beauffrère, France
N. Guedj, A. Patrioni, L. Maggiori, P. Bedossa, Y. Panis

033 Metastasis of neoplasm with Hepatoid features in a young patient, diagnostic challenge in small biopsy
Sandra Liliana Quijano Moreno, Spain
F. Pulido Fernández

035 Granulomatous inflammatory lesions of the terminal ileum and colon: Histological approach of three cases
Nicoleta Corina Mehotin, Romania
I. A. Cozea, F. Vasilescu, G. Becheanu

036 MDM2 as a prognostic marker for GIST: A retrospective study of 43 cases
Efared Boubacar, Morocco
C. Laila

037 Mucosal Schwann cell hamartoma of the Colon: Case report
Hampar Akkaya, Turkey
M. Erbayrak

038 Mixed Adenoneuroendocrine Carcinoma (MANEC): The Gazi experience
Mehmet Arda Inan, Turkey
G. Toker Caliskan, E. Sayar, O. Ekinci

039 Regression grading in neoadjuvant treated pancreatic cancer: An interobserver study
Sangeetha Kalimuthu, Canada
S. Serra, N. Dhani, S. Hafezi-Bakhtiari, E. Szentgyorgyi, R. Vajpeyi, R. Chetty

041 An asymptomatic small polypoid esophageal malignancy consisting of carcinomatous and sarcomatous elements: Possible early-stage lesion of esophageal carcinosarcoma
Tetsuhiro Minamikawa, Japan
Y. Shimizu, R. Tanaka, E. Konishi, A. Yanagisawa

043 Gastrointestinal Stromal Tumour (GIST) of an obliterated vermiform appendix: A case report
Bogdan Balinisteauanu, Romania
A. M. Cimpean, A. R. Ceausu, M. Raica

044 The expression of mesothelin associated with tumour aggressiveness in gastric adenocarcinoma
Song-Hee Han, Republic of Korea
S. Park

045 Secondary neoplasms in young patients with colorectal cancer
Barbara Saenz Ibarra, Mexico
E. Delgadillo Esteban, N. Vilches Cisneros, O. Barboza Quintana, R. Garza Guajardo, J. P. Flores Gutiérrez

046 Amyloidosis of the colon associated with multiple myeloma: A case report
Sergey Iliev, Bulgaria
P. Vladova, T. Betova, F. Yanev, S. Popovska

047 Pathology review of surgically removed colon cancer in Lebanon: A 7-year single institution experience
Marc Rassy, Lebanon
W. Nehmé, P. Abdayem, C. Tohmé, C. Ghiorra

049 Clinicopathologic impact of acellular and cellular mucin pools in rectum cancer
Kivilcim Erdogan, Turkey
O. Yalav, F. Doran

050 Intra-abdominal heterotopic ossification following previous partial colectomy
Krzysztof Okon, Poland
M. Bialas, G. Dyduch, W. Szczepanski
051 Mastocytic colitis: A case report and literature review
Houria Belkraladi, Algeria
K. T. Douidi, Z. Merad

052 Desmoid tumours: Clinical, histological, immunohistochemical and evolution on a series of 20 cases
Besma Laabidi, Tunisia
M. A. Bani, S. Ben Rejeb, L. Bel Hadj Kacem, F. Gargouri, O. Bel Hadj Amine, A. Bouziani, I. Msakni

053 Bismuth Tripotassium Dicitrate (BTD) histologic pigmentation of the gastric mucosa: Unusual histologic finding and differential diagnosis
Oana-Maria Andreoiu, Romania
I. A. Cozea, C. Ciora, M. Diculescu, G. Becheanu

055 Heterotopic pancreas of the gallbladder: A case report
Daniela Bajdevska, Republic of Macedonia
A. Tanevska Zrmanovska, S. Komina, G. Ristovski, G. Jota, R. Gelevski, L. Spasevska

056 An unusual tumour with an unusual presentation
Mónica Cardoso, Portugal
A. Pignatelli, C. Ferreira

057 Schwannoma of the gallbladder: Case report
Aneta Tanevska Zrmanovska, Republic of Macedonia
B. Ilievski, D. Djambaz, Z. Karadjov, L. Spasevska

058 Surgical pathology and MMR protein expression in colorectal carcinomas
Friday Olah, Nigeria
F. Abdulkareem, P. Jibrin

059 Atypical presentation and location of two gastrointestinal stromal tumours: Prognostic implications
Helder Moreira, Portugal
M. A. Cipriano, B. Fernandes, R. Almeida, C. Oliveira, L. Prado e Castro

060 Extranodal extension of nodal metastases is a poor prognostic indicator in the upper gastro-intestinal malignancies
Claudio Luchini, Italy

061 Correlation between pathologic tumour regression grade in the primary tumour and liver metastases with neoadjuvant chemotherapy in Stage IV colorectal cancer
Maria del Rosario Mercado Gutierrez, Spain
M. L. Gomez, E. Mata, I. Paniello, C. Areán, A. Tarifa, I. Amat

062 Parasite and tumour collision in the colonic wall of an elderly woman: A curious and rare finding
Valentin Enache, Romania
I. A. Cozea, O.-M. Andreoiu, F. Andrei, S. Enache, G. Becheanu

064 Survive on with cajal cells: A retrospective clinicopathologic analysis of 87 gastrointestinal stromal tumours
Gonca Özgün, Turkey
B. H. Özdemir, M. Tepeoglu, A. Ok Atilgan

066 Primary extra-gastrointestinal stromal tumour of the retroperitoneum: A rare, challenging entity
Cosmin Carasca, Romania
A. Nechifor-Boila, A.-M. Stauder, A. Loghin, L. Chinezu, A. Borda

067 Primary mesenterial leiomyosarcoma presenting as metastatic cancer of unknown primary location
Marta Riekstina, Latvia
T. Bogdanova, A. Abolins, I. Fridrihsone, I. Strumfja, A. Vanags, J. Gardovskis

068 Gastritis Cystica Profunda mimetizing gastric GIST
Catarina Quadros, Portugal
I. Alves, C. Ferreira
069 Hereditary Diffuse Gastric Cancer (HDGC): Case report of 3 related CDH1 mutation carriers and review of the literature
Bianca Machado, Portugal

070 Two synchronous adenocarcinoma of large intestine, both colliding with ovarian serous carcinoma
Polina Alina Rizea, Romania
D. Crisan, C. S. Lazar

071 Incidental histopathological findings in class III obese patients that underwent sleeve gastrectomy
Burcin Pehlivanoglu, Turkey
S. Isler, S. Ozdas, B. Aydin Turk

072 DEK Expression in gastric carcinoma
Damianur Sakiz, Turkey
B. Uguralp, Z. S. Kahraman, M. Gunaldi

073 Adenocarcinoma of the anal canal: Report of two cases
Nadia Boujelbene, Tunisia

074 Intestinal endometriosis mimicking Crohn's disease: A case report
Patricia-Irina Stinga, Romania
G. Pop, A. Bastian, G. Micu, M. Ciopea, R. B. Mateescu, G. Lepadat, C. Popp

075 Histopathologic changes seen in cases of sleeve gastrectomy in a Turkish population
Gulcicek Ayranci, Turkey
M. Dogan, A. N. Ihvan, H. Mollamemisoglu, K. Ozdil, F. Ezberci, E. I. Zemheri

076 Variations in diagnosis of gastric epithelial neoplasia in endoscopic biopsies: Interobserver study from Istanbul Gastrointestinal pathology Working Group (IGIP)
Sibel Erdamar, Turkey
S. Goksel, G. Dogusoy, C. Ataizi Celikel, S. Arici, M. Gulluoglu, B. Ceyran, D. Yavuzer, D. Sakiz, B. Yilmaz, E. Pasaoglu

078 Protein regenerating liver-3 (PRL-3) up regulated the expression of MMP-2 and down regulated the expression of E-cadherin in colorectal carcinoma
Upik Andriani Miskad, Indonesia
M. H. Cangara, S. Wahid

079 Small cell neuroendocrine carcinoma involving the right colon: Case report
Mariana Aschie, Romania
G. Baltatescu, G. Cozaru, A. Mitroi, I. Poinareanu, E. Manuela

080 Unusual association of colonic carcinoma and tuberculosis: Evidence from autopsy
Ivana Savic Milovanovic, Serbia
N. Tomanovic, D. Mitrovic

081 p53 polymorphism in gastric cancer patients of Karachi, Pakistan
Saeed Khan, Pakistan
W. Yousaf, A. Qureshi, A. Zaib

082 Abdominal cocoon syndrome: An unusual pathologic finding
Mario Martínez López, Spain
M. Blanco Bellas, S. Álvarez Díaz, C. Ibarrola de Andrés

083 Extremely rare case of synchronous gastric and colonic metastases occurring 9 years after an uterine leiomyosarcoma
Nicoleta Puie, Romania
L. P. Trica, I. Rusu, G. A. Nagy, R. Bodea, C. Georgiu

084 Further morphological characterization of tumour deposits in colorectal carcinomas
Orkun Akman, Turkey
A. Hajiye, S. Balci, K. Kosemehmetoglu

086 A strange benign lesion of the esophagus: Benign bizarre stromal cell polyp
Raja Jouini, Tunisia
S. Chaieb, W. Koubaa, E. Ben Brahim, I. Msakni, A. Chadli
001 Role of Her2Neu (c-erb-2) expression in premalignant and malignant lesions of uterine cervix
Veena Maheshwari, India
S. Varshney, K. Alam, A. Jain, S. Hakim

002 Endometrial carcinoma and its precursor lesions: One-year experience in one center
Tiberiu-Augustin Georgescu, Romania
M. Sajin, M. Costache, A. M. Lazaroiu, A. Dumitru, M. Cirstoiu

003 Bilateral congenital multicystic renal dysplasia associated with polydactyly
Mihaela Farcas, Romania
I. Dumitru, M. Sajin, G. Simion, S. Varban, A. Postolache

005 Role of frozen section to provide an accurate intraoperative diagnosis for suspicious ovarian masses in postmenopausal women
Mohammad Arafa, Egypt
B. Refky

006 Metastatic endocervical adenocarcinoma in a mature cystic teratoma: A case of tumour-to-tumour metastasis
Filipa Santos, Portugal
C. Oliveira, J. P. Caldeira, A. Coelho, A. Felix

008 Immunohistochemical peculiarities of recurrent ovarian endometriosis
Ludmila Mikhailova, Russia
A. Solomatina, V. Stryginga, E. Sadovnikova, N. Shakhpazyan, N. Shakhpazyan, R. Komleva

009 Atypical endometriosis: A clinicopathological study of 6 cases
Leire Andres, Spain
V. Caamaño, E. M. Fernandez Lomana, M. Atienza, A. Nogueira

010 Pattern-recognition receptors of innate immunity of placenta villi and myometrium in the pathogenesis of severe preeclampsia
Alexander Schedegolev, Russia
N. Nizyaeva, M. Nagovitsyna, G. Kulikova, V. Tyutyunnik, N. Kan, G. Sukhikh

011 Cytopathological results of cervical cancer screening in Tunisian population
Ghada Sahraoui, Tunisia

012 Immunohistochemical features of endometrial carcinoma in Egyptian population: A pilot study
Mohammad Arafa, Egypt
S. Ashamallah, A. A.-Rahman Foda

013 A clinicopathological study of ovarian high-grade serous carcinomas
Manuela Popa, Romania
M. V. Comanescu, A. Poteca, C. Mehotin, F. Andrei

014 Bilateral high-grade serous carcinoma of the fallopian tube: Case report
Manuela Popa, Romania
A. Poteca, F. Andrei

015 Impact of light/dark cycle alteration on circadian antioxidant pattern in female Wistar rat ovary
Carmen Lacramioara Zamfir, Romania
L. Strat, R. Folescu, A.-S. Zamfir, C. Gales, A. Gheju, A. M. Haliciu

017 Can PAX8 distinguish the metastasis of ovarian papillary serous carcinoma of other cell lines in ascitic fluid?
Wajd Althakfi, France
D. Chatelain, H. Sevestre

018 Malignant inflammatory myofibroblastic tumour of the uterus: A case with unusual features and fatal outcome
Zanobia Khan, Canada
E. Oliva, M. Rouzbahman
019 Female adnexal tumour of wolffian probable origin two cases report and review of the literature
Leila Tirichine, Algeria
F. Kediha, Z. Moussaoui, W. Ouahioune, Y. Lamouti

020 Bilateral dysgerminomas arising in gonadoblastomas in a 46XY karyotype phenotypic female
David Pisani, Malta
J. De Gaetano

022 Ovarian Sertoli-Leydig cell tumour with elevated AFP: A case report and review of literature
Yazan Al-Othman, Jordan
M. Al-Hussaini

023 Expression of Glut-1 in endometrial lesions: Analysis of 336 cases
Kristyna Nemejcova, Czech Republic
J. Rosmusova, P. Dundr, I. Tichá, M. Bartu, M. Dura

024 Androgen-secreting stromal luteoma of the ovary: Case report
Mariona Novell, Spain
S. Grau, I. Costa, N. Combalia, R. Ballester, J. C. Ferreres

025 Beta-catenin expression and effect on long-term survival in advanced epithelial ovarian cancer
Bence Nagy, Hungary
B. P. Kövári, B. Iványi

026 IHC study in cervical cancer: Biomarkers VEGF and HIF-1
Nerea Torrecilla Idoipe, Spain

027 Florid diffuse peritoneal decidual reaction (Deciduosis) mimicking carcinomatosis in a primigravida patient
Sandra Liliana Quijano Moreno, Spain
F. Pulido Fernández

028 Cellular pseudosarcomatous fibroepithelial stromal polyp of the vulvovaginal region associated to invasive Squamous Cell Carcinoma (SCC)
Eva Tejerina, Spain
L. Nájera, D. García Fresnadillo, L. San Frutos, C. Bellas

029 Chemotherapy-induced endometrial pathology: Mimicry of malignancy and viral endometritis
Juh-Yeon Jeong, Republic of Korea
E.-K. Kim, H.-S. Kim

030 Psammocarcinoma in peritoneal washing: A case report
Hatice Seneldir, Turkey
G. Kir, C. S. Topal, M. I. Tosun

031 Comparison of Human Papillomavirus (HPV) detection in urine and cervical samples using high-risk HPV DNA testing in Northern Thailand
Surapan Khunamornpong, Thailand
J. Settakorn, K. Sukpan, S. Lekawanvijit, S. Siriaunkgul

032 Epithelioid trophoblastic tumour arising in the endometrioid cyst of the fallopian tube: A case report
Jana Rosmusova, Czech Republic
K. Nemejcova, P. Dundr, M. Nová

033 Mitotically active cellular fibroma of the ovary: A case report
Iclal Gürses, Turkey
F. Bozkurt, D. Gürsoy, P. Yidirim, G. Yazıcı

034 Primary Ewing sarcoma/peripheral primitive neuroectodermal tumour of the vulva: A case report
Iclal Gürses, Turkey
G. Emek Yüksel, D. Gürsoy, H. Aytan

035 An audit of pathological and radiological correlation of myometrial invasion and histological features associated with lymph node metastasis in endometrial cancers
Thiagarajah Balamurugan, United Kingdom
F. Hussain, A. Tailor, B. Haagsma, I. Bagwan
036
Uterine arteriovenous malformation arising in a uterine stromomyoma

In-Ae Park, Republic of Korea

037
Mullerian adenosarcoma: An uncommon case and review of the literature

Diana Montezuma, Portugal
J. Loureiro

038
Ectopic paratubal adrenal tissue associated with endometrial cancer: A series of 3 cases

Tiberiu-Augustin Georgescu, Romania
A. Dumitru, M. Cirstoiu, A. M. Lazaroiu, M. Costache, M. Sajin

039
Distinctive features of the expression of aromatase cytochrome P-450 in ectopic endometrium during active and inactive adenomyosis

Anna Portyanko, Belarus
E. Anfinogenova, E. Cherstvy

040
The role of p16 immunohistochemistry in the diagnosis of pre-invasive cervical lesions and its applications in a low resource setting

Olubanji Oguntunde, Nigeria
N. Orah, A. Banjo

041
Malignant mixed mullerian tumor: An aggressive ovarian tumour

Meryem Regragui, Morocco
Y. El-Ward, A. Ouakkadi, S. Benayad, N. Bennani Guebessi, F. Marnissi, M. Karkouri

042
A lot of high grade serous carcinoma, a little bit of everything else: Findings from a series of 84 imaging-guided biopsies of mentum

John O’Neill, Ireland
D. Gibbons, M. Monks, R. Geraghty, C. O’Riain

043
Primary extrauterine endometrial stromal sarcoma: Case report

Claudiu Socoliuc, Romania
R. Andrei, A. Evsei

044
Pure large cell neuroendocrine carcinoma of the ovary: A case report

Yasmine Chaouch, Algeria
M. Trabelsi, Z. Manseur, W. Ouahiounet

045
A case of giant ovarian endometrioid adenofibroma of borderline malignancy

Meryem Rais, Morocco
S. Ech-Charif, L. Bahi, J. Kharmoum, B. El-Khannoussi

046
Ovarian fibroma associated to peritoneal tuberculosis mimicking advanced ovarian cancer: A case report

Meryem Rais, Morocco
J. Kharmoum, L. Bahi, B. El-Khannoussi

047
Knowledge, awareness of pap test of female health workers at Mbagathi District Hospital (MDH), Nairobi, Kenya

Jackrogers Mwaniki, Kenya
E. Walong

049
A rare type of endometrial carcinoma: Glassy cell carcinoma

Zehra Bozdag, Turkey
N. Tepe, A. Mustafa, O. F. Dizibuyuk, H. C. Ozcan

050
Incidental lymphangioleiomyomatosis in staging pelvic lymphadenectomy

Alexandre Nogueira Gregorio, Spain
M. Atienza Robles, E. M. Fernández-Lomana Idiondo, A. Fdez. de Larrinoa Santamaria

051
Hyperreactio luteinalis: An often mistaken diagnosis

Sana Ben Slama, Tunisia
A. Khadhar, D. Bacha, A. Ben Amor, K. Saffar, I. Chelly, A. Lahmar, S. Bouraoui

054
Endometrial stromal nodule of vagina: An extremely rare case

Emel Rodoplu Ünal, Turkey
E. Isçi Bostanci, Y. Sert, İ. Güler, H. Güner, Ö. Erdem
055 Morphologic assessment of different endometrial components reactivity in an experimental endometriosis
Carmen Lacramioara Zamfir, Romania
E. V. Sindilar, A. Faur, R. Folescu, A.-S. Zamfir, L. Strat, A. Sindilar

056 Immunohistochemical expression of estrogen, progesterone receptors, CerbB2 and BRCA1 in ovarian carcinoma and their prognostic value
Didar Gürsoy, Turkey
I. Gürses, H. Durukan, B. Ozcomert, B. Tasdelen, A. Arican, E. Tok

057 Tumour-to-tumour metastasis: Unexpected diagnosis to an expecting woman
Joana Tavares, Portugal
C. Ferreira, L. Correia

059 Correlation of visual inspection with cytological and histopathological findings in cervical neoplasia
Palzum Sherpa, Nepal
A. D. Pant

061 Neoplasms arising in endometriosis. Frequency and comparison of ovarian and extraovarian types
Irmgard Costa, Spain
N. Combalia, R. Ballester, X. Pozo, O. Moreno, J. Antoni, J. C. Ferreres

062 Mature cystic teratomas: A clinicopathologic evaluation of 225 cases
Palzum Sherpa, Nepal
R. Baral

065 Pathological evaluation in autologous ovarian tissue transplantation for fertility preservation in cancer patients
Sarit Aviel-Ronen, Israel
G. Schiby, C. Avivi, S. Derech Chaim, N. Amariglio, D. Meirow, I. Barshack

066 Leiomyoadenomatoid tumour of the uterus report of a rare entity and review of the literature
Saadia Makni, Tunisia
A. Moussa, I. Haddad, E. Chouat, N. M’hamdi, M. Njima, A. Zakama, L. Njim

068 Sex cord tumour with annular tubules: About 4 cases with a literature review of 166 cases
Linda Bel Hadj Kacem, Tunisia
L. Charfi, R. Doghri, M. Driss, I. Abbes, R. Sallemi, K. Mrad

069 A preliminary study evaluating the survival of patients with locally advanced cervical cancer
Kelly Garcia, Spain
R. Guarch, G. Mezquita, M. Resano, F. Garcia Bragado, D. Requena, B. Aguiar, A. Galbete

070 A uterine collision tumour or mixed Mullerian tumour
Adelina Birceanu-Corobea, Romania

071 Expression of beta-catenin in Mullerian adenosarcoma of the Uterine Cervix
Hsin-Ni Li, Taiwan

072 Myoepithelial carcinoma of the breast: A rare neoplasm
Selma Chaieb, Tunisia
S. Ziadi, N. Abdessayed, Y. Sghaier, M. Guerfala, L. Ouldalbar, S. Mestiri, M. Mokni

073 Cervical cancer incidence, demographic and pathological characteristics in Bosnia and Herzegovina
Nermina Ibisevic, Bosnia and Herzegovina
F. Skenderi, A. Chikha, S. Vranic
Adenomatoid tumours of female genital system: Not always incidental: Report of 11 cases
Bahar Muezzinoglu, Turkey
B. E. Erdem, B. Yaprak, C. Vural

Human leukocyte antigen-G expression in ovarian carcinoma
Wafa Babay, Tunisia
N. Boujelbene, N. Ben Hmida, R. Ban Ghorbel, H. Ben Yahia, K. Mrad, I. Zidi, D. Kacem

Thyroid transcription factor-1 (TTF-1) expression in ovarian carcinoma
Wafa Babay, Tunisia
K. Mrad, R. Ban Ghorbel, N. Boujelbene, N. Ben Hmida, D. Kacem, I. Abess, M. Driss, I. Zidi

Haematopathology

Histopathological profile of lymphoma in Yogyakarta, Indonesia
Ery Kus Dwianingsih, Indonesia

Hematological and immunophenotypic profile of acute myeloid leukemia: An experience from a developing country
Rashmi Kushwaha, India
S. Chauhan, A. Kumar, U. S. Singh, M. Jain, S. P. Verma, M. Kumar, S. Babu

Primary cutaneous gamma-delta T-cell lymphoma with complete response after chemotherapy
Naree Warnnissorn, Thailand
W. Limvorapitak, P. Chakkavittumrong, W. Suthiwartnarueput

In situ mantle cell lymphoma of right inguinal lymph node, in a patient with mantle cell lymphoma of the retroperitoneum
Efthymios Koniaris, Greece
N. Papaconstantinou, M. Pappa, E. Marinou, D. Petinou, M. Allamani

Comparative study between fine needle aspiration cytology and histology of the lymph nodes
Linda Bel Hadj Kacem, Tunisia

Monoclonal gammapathy of undetermined significance: Utility of anti-CD56 immunophenotypic study as a prognostic factor
Santiago Ortiz, Portugal
F. Tortosa

Erdheim Chester Disease is a new entity among the histiocytic disorders: Clinico-pathological and molecular features via case presentations
Réka Mózes, Hungary
K. Dénès, J. Demeter, Z. Sápi, J. Csomor

Langerhans cell histiocytosis with follicular lymphoma in a lymph node: Case report
Merve Cin, Turkey
E. Kimiloglu, T. Tecimer, O. Gündogar, N. Erdogan, N. Komut, S. Alcicek

Concurrent diagnosis of two leukemia types: B-chronic lymphocytic and acute myelogenous
Alexandros Iliadis, Greece
T. Koletsia, G. Kaíafa, C. Poulos, I. Kostopoulos

Metachronous B and T cell post-transplant lymphoproliferative disorders (PTLD): One case with literature review
Javier Martin Lopez, Spain
C. De Miguel, D. García Fresnadillo, C. Salas, Y. Vicente, P. Martin, C. Bellas
Heparin-tryptase complex in mast cells

Igor Buchwalow, Germany
D. Atiyakshin, V. Samoilova, W. Boecker, M. Tiemann

Bone marrow cryptococcal infection revealing human immunodeficiency virus (HIV) infection: A case report

Marwa Guerfala, Tunisia
M. Trimèche, N. Abdessayed, Y. Sghaier, S. Chiaeib, A. Bdioui, M. Mokni

Biclonal plasma cell myeloma in a patient with rheumatoid arthritis

Barbara Gazić, Slovenia
B. Grcar-Kuzmanov, M. Gjidera, G. Gasljevic

Pseudoangiosarcomatous Carcinoma (PAC) of the head and neck regions

Kimihide Kusafuka, Japan
T. Nakajima

Extragonadal primary yolk sac tumour of temporal bone

Vineet Narula, India
D. Sharma, R. Meher

Lymphoepithelial carcinoma of the parotid gland: A rare entity

Sarra Ben Rejeb, Tunisia
B. Laabidi, M. A. Bani, A. Bouzaiani, I. Msakni

A rare case of Carcinosarcoma ex Pleomorphic Adenoma of the Parotid Gland with no history of long-standing or recurrent Pleomorphic Adenoma

Francia Victoria de Los Reyes, Philippines
S. Cruz-Yañez

Atypical carcinoid of the larynx: A typical immunohistochemical diagnosis

Cristina Georgiana Vasile, Romania
S. Enache, I. A. Cozea, G. Becheanu, V. Enache, I. Popa, F. Porcescu, F. Andrei
015
Solitary fibrous tumour of the submandibular gland: Case report
Simona Enache, Romania
F. Vasilescu, G. Becheanu, F. Andrei, V. Enache, C. Iosif, C. Vasile, A. Neicu, F. Porcescu, I. A. Cozea

017
Droplet digital PCR and qRT-PCR to detect circulating miR-21 in laryngeal Squamous Cell Carcinoma (SCC) and premalignant laryngeal lesions
Honggang Liu, People's Republic of China
L. Wei, Y. Wu, Y. Hu

018
Intramucosal lipoblastoma-like tumour of the lip
Sibel Elif Gultekin, Turkey
B. Senguven, S. S. Yazici, W. Suleiman, O. Gunhan

019
Salivary gland tumours in a Monterrey-Mexico, University Hospital: A retrospective study of 237 cases
Barbara Saenz Ibarra, Mexico
L. A. Ceceñas Falcón, O. Barboza Quintana, J. Ancer Rodríguez

020
Extracranial meningioma presenting as a left parietal soft tissue tumour
Camelia Sidonia Lazar, Romania
F. Onisor-Gligor, C. S. Mirescu, D. Crisan

021
Tracheal hamartoma: An uncommon tumour
Sofia Pappa, Greece
A. Linardou, B. M. Michaelides, E. Tsiliaka, C. Karambogias, S. Papouliakos, Z. Pappas, G. Kakiopoulos

022
A current histomorphological spectrum of salivary gland lesions in Pakistan: Seven years experience (2009/2015)
Syed Muhammad Ali Naqvi, Pakistan
A. Ali, T. Mirza

024
High grade chondroblastic osteosarcoma: A case report
Fatima Jukovic Bihorac, Bosnia and Herzegovina
J. Redzepagic, D. Udovicic-Gagula, N. Bilalovic

025
Adenoid cystic carcinoma of the external ear canal
Thanikachalm Pasupati Meenakshi, Malaysia

026
Four cases of mandibular calcifying cystic odontogenic tumour
Burcu Senguven, Turkey
B. Mohamed Aznad, E. Baris

027
Microcystic acinic cell carcinoma of the submandibular gland: A diagnostic challenge
Sirine Bouslema, Tunisia
A. Blel, N. Znaidi, A. Arfaoui, Y. Zidi, R. Aloui, S. Rammeh

029
Hyalinizing clear cell adenocarcinoma of the gingiva
Benay Yildirim, Turkey
E. Baris, B. Senguven, R. Arslan, O. Gunhan

030
Fibrolipoma of the palatine tonsil
Amen Dhaoui, Tunisia
A. Ayari, D. Ben Ghachem, R. Ben Romdhane, S. Turki, A. Hachicha, K. Bellil

031
A case of diffuse large B-cell lymphoma misdiagnosed as an odontogenic infection: A clinicopathological report
Poramate Pitak-Arnnop, Germany
N. Schwarz, C. Schrader, A. Schwarz, S. Mokros

032
A report of an exceptional case of acinar cell carcinoma of the parotid gland
Marwa Mhiri, Tunisia
Carcinoma ex pleomorphic adenoma of the parotid gland: A case report

Marwa Mhiri, Tunisia
O. El Amine El Hadj, A. Goucha, B. Laabidi, O. Adouni, I. Bettaieb, A. Gamoudi

Disseminated strongyloidiasis: A challenging diagnosis

Mariana Studart, Brazil
D. Quintana, T. Cuzi

Necrotizing fasciitis associated with injection drug use with fatal outcome: Report of two autopsy cases

Ivan Aleksic, Serbia
J. Dzambas, N. Marinkovic

Spinal echinococciosis: A case report

Aigul Sapargaliyeva, Kazakhstan
A. Pak, R. Dostarbayev, A. Duisenova

Anorectal tuberculosis: A report of a challenging case

Marta Riekstina, Latvia
A. Abolins, I. Fridrihsons, D. Balodis, I. Strumfa, A. Vanags, J. Gardovskis

Endoscopic ultrasound-guided fine needle aspiration biopsy diagnosis of disseminated histoplasmosis in retroviral positive patient

Thanikachalm Pasupati Meenakshi, Malaysia

Ovarian actinomycosis and amebiasis mimicking a suspicious malignant mass

Asma Sassi, Tunisia
B. Chelly, Y. Houcine, A. Zhan, H. Azzouz, I. Chelly, S. Haouet, N. Kchir

Gastric actinomycosis: A rare pitfall of local tumour recurrence

Luis Mascarenhas-Lemos, Portugal
C. Pontinha, D. Grangeia, M. Ferraz-Oliveira

Kaposi sarcoma in an HIV-negative patient with thymoma and myasthenia gravis

Luis Mascarenhas-Lemos, Portugal
B. Araújo, C. Pontinha, S. Baptista, D. Grangeia
001 Testing smart phone microscope adapter to use capturing pathologic image
Na-Young Han, Republic of Korea
A. S. Paek

003 A survey of online pathology information users
Michael Bonert, Canada
J. Schittenhelm, W. Luong, M. Bonert, A. Naqvi

004 Diagnostic biopsies for cancer in Africa: A system’s approach to transforming care
Danny A. Milner jr., USA
B. Holladay

005 Immunohistochemistry and special stains automated instrument interfaces
J. Mark Tuthill, USA

008 Pathologic characteristics of resected hepatocellular carcinomas
Zeynep Nurkabul, Turkey

010 The use of special stains in liver biopsy interpretation: Implications for the tropics
Nnamdi Orah, Nigeria
F. Abdulkareem, O. Rotimi

011 Neuroendocrine tumour and sarcoidosis
Sandra Liliana Quijano Moreno, Spain
M. del Mar Berenguel Ibáñez, F. J. Velasco Albenda, J. R. Ortega Ramírez, M. T. Cantón Yebra

012 Supplemental use of Keratin 7 and 19 immunohistochemical staining in liver biopsy diagnosis
Rouchelle Dela Cruz, Philippines
N. Theise
<table>
<thead>
<tr>
<th>E-PS-13</th>
<th>Title</th>
<th>Author(s)</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>013</td>
<td>A pancreatic serous cystic neoplasm coexisting with high-grade pancreatic intraepithelial neoplasia mimicking an intraepithelial papillary mucinous neoplasm: A case report</td>
<td>Aya Kawanishi, Japan</td>
<td>Japan</td>
</tr>
<tr>
<td>014</td>
<td>Hepacam2 expression in hepatocellular carcinoma</td>
<td>Laura Lorente Gea, Spain</td>
<td>Spain</td>
</tr>
<tr>
<td>015</td>
<td>Primary non-Hodgkin lymphoma of the liver revealed by a cholangitis</td>
<td>Sana Ben Slama, Tunisia</td>
<td>Tunisia</td>
</tr>
<tr>
<td>016</td>
<td>Grading and staging chronic viral hepatitis: How feasible in a tropical population</td>
<td>Usman Bello, Nigeria</td>
<td>Nigeria</td>
</tr>
<tr>
<td>017</td>
<td>Classic and fibrolamellar hepatocarcinoma: A rare mixed condition</td>
<td>Laura Lorente Gea, Spain</td>
<td>Spain</td>
</tr>
<tr>
<td>018</td>
<td>Solitary squamoid cyst of the liver</td>
<td>Irene Gullo, Portugal</td>
<td>Portugal</td>
</tr>
<tr>
<td>019</td>
<td>Clinicopathological features and prognosis of pancreatic neuroendocrine neoplasms</td>
<td>Keiko Sasaki, Japan</td>
<td>Japan</td>
</tr>
<tr>
<td>020</td>
<td>2 in 1: Solid pseudopapillary tumour and insulinoma in MEN 1 patient – a case report</td>
<td>Deniz Tuncel, Turkey</td>
<td>Turkey</td>
</tr>
<tr>
<td>021</td>
<td>IgG4-related sclerosing cholangitis: A misleading case</td>
<td>Joana Tavares, Portugal</td>
<td>Portugal</td>
</tr>
<tr>
<td>022</td>
<td>Solid pseudopapillary pancreatic tumour metastasizing to liver in a 16-year-old girl</td>
<td>Sirine Bouslema, Tunisia</td>
<td>Tunisia</td>
</tr>
<tr>
<td>023</td>
<td>Carcinosarcoma of the gallbladder with chondrosarcomatous differentiation and hyaline eosinophilic globules</td>
<td>Samir Amr, Saudi Arabia</td>
<td>J. Ratrou, A. Joudeh</td>
</tr>
<tr>
<td>024</td>
<td>Primary hepatic solitary fibrous tumour: Two case reports and review of literature</td>
<td>Ruana Rocha, Brazil</td>
<td>Brazil</td>
</tr>
<tr>
<td>025</td>
<td>Hepatic sclerosing hemangioma: Clinicopathologic study of five cases</td>
<td>Raquel Machado-Neves, Portugal</td>
<td>Portugal</td>
</tr>
<tr>
<td>026</td>
<td>Signet ring cell carcinoma of the ampulla of Vater</td>
<td>Nihed Abdessayed, Tunisia</td>
<td>Tunisia</td>
</tr>
<tr>
<td>027</td>
<td>Hepatic encephalopathy due to delayed liver metastasis of uveal melanoma</td>
<td>Charikleia Kouvidou, Greece</td>
<td>Greece</td>
</tr>
</tbody>
</table>
E-PS-14  E-Posters

Molecular Pathology

001
NGS analysis on tumour and cfDNA for personalized genotype-directed therapy in NSCLC patients: Are the clinical benefits always there?
Alexander Falk, France
E. Long, V. Hofman, V. Lespinet, O. Bordone, M. Poudenx, G. Garnier, J. Guigay, C. H. Marquette, P. Hofman, M. Ilié

002
The clinical relevance of testing for non-V600E BRAF mutations in melanoma – a single center experience
Georg Richtig, Austria

003
EGFR and EML4-ALK mutations in adenocarcinoma of the lung
Handan Kaya, Turkey
H. Toper, E. Kombak, H. Mollamemisoglu, N. Özkem, E. Bozkurtlar

004
Pulmonary adenocarcinoma with EGFR exon 19 duplication and TKi two years survival: A case report
Vitor Sousa, Portugal

005
Screening pre-neoplastic lesions and lung cancer with next-generation sequencing becomes cost-effective
Vitor Sousa, Portugal
A. Alarcão, A. Ladeirinha, S. Balseiro, M. Reis Silva, T. Ferreira, M. J. d’Aguiar, L. Carvalho

006
The DNA Integrity Number: A novel approach for objective integrity classification of genomic DNA samples
Rainer Nitsche, Germany
M. Gassmann, I. Pechtl, B. McHoull

007
Renewable RNA FFPE reference standards for the diagnostics of chromosomal re-arrangements resulting in mRNA fusions
Delphine Cougot, United Kingdom

008
KRAS and NRAS mutations in colorectal cancer: A study according to updated guidelines
Loukia Psaridi, Greece

009
Detection and genotyping of human papillomaviruses in invasive cervical cancers in Tunisia
Marwa Mhiri, Tunisia
E. Ennaifer, H. Tounsi, T. Laassili, A. Maaloul, S. Ben Rejeb, F. Alaoui, M. S. Boubaker, E. A. El Hadj Olfa

010
Periostin expressions in ovarian carcinoma
Ludmila Lozneanu, Romania
I.-D. Caruntu

011
The frequency of NRAS and KRAS gene mutations in Turkish patients with metastatic colorectal carcinoma
Mualla Ozcan, Turkey
O. Elpek, M. T. Gelen

E-PS-15  E-Posters

Nephropathology

001
Utility of glomerular C4d immunostaining in renal biopsies in patients with immunoglobulin A nephropathy: A clinicopathological study
Małgorzata Wągrowska-Danielewicz, Poland
M. Danielewicz
E-Posters

002
Risk factors and characteristics of diabetic nephropathy in patients with new-onset diabetes after kidney transplantation

Hyeon-Joo Jeong, Republic of Korea
H. S. Jeong, S.-H. Song, Y.-S. Kim, B.-J. Lim, S.-I. Kim, M.-S. Kim

003
Living donors with proteinuria: Importance of renal biopsy

B. Handan Ozdemir, Turkey
G. Ozdemir, A. Terzi, F. N. Özdemir, M. Haberal

004
Ultrastructural findings and capillary HLA-DR expression in renal allografts with humoral, vascular and tubulointerstitial rejection: Correlation with development of transplant glomerulopathy

B. Handan Ozdemir, Turkey
F. N. Özdemir, M. Haberal

005
Kidney biopsy yield is contingent upon the biopsy operator and the interpreter of adequacy when evaluated at the time of the procedure

Miroslav Sekulic, USA
G. S. Crary

007
Evaluation of glomerular basement membrane and expression of TGF-beta 1 and fibronectin in renal biopsies of patients with diabetic nephropathy

Maria Luiza Gonçalves dos Reis Monteiro, Brazil

008
BK virus (BKV) associated with bladder urothelial carcinoma in a renal transplant recipient: BKV's oncogenic potential revisited

Alba Hernández Gallego, Spain
L. Cañas, H. Moreno, M. Avila, J. L. Mate, D. López

009
Classification and clinicopathological correlation of renal biopsies: 15 years of experience in a single centre

Joana Tavares, Portugal
S. Ortiz, L. Correia

010
Role of phospholipase A2 receptor (PLA2R) antibodies in patients with membranous glomerulonephritis: A prospective study on Indian cohort

Afreen Karimkhan, India
P. Shenoy, R. S., U. Kini, D. P.

011
Biopsy proven glomerular diseases of pregnancy: A study of 17 cases

Betül Özüt, Turkey
Ö. Helvacı, A. Özek, Ü. Boztepe Derici, I. Gönül

012
OpenEHR: Generating and maintaining information models for structured data in renal biopsy reporting

Sabine Leh, Norway
J. T. Valand, S. L. Bakke, M. Thierley

014
Diffuse proliferative glomerulonephritis with persistent staphylococcus aureus infection with a surprise diagnosis of pleural malignant mesothelioma

Ipek Isik Gönül, Turkey
B. Özüt, Ö. Helvacı, Y. Erten

Neuropathology

001
The WHO Grade I Collagen Forming Meningioma produces angiogenic substances: A proposed novel meningioma entity

Elisabeth Smolle, Austria
J. Haybaeck, B. Schoekler, R. Kleinert

003
Myxoid chondrosarcoma of the cerebello-pontine angle: Case report

Barbara Saenz Ibarra, Mexico
I. Miranda Maldonado, A. Barboza Quintana, O. Barboza Quintana, R. Garza Guajardo
<table>
<thead>
<tr>
<th>Number</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>004</td>
<td>Meningeal Melanocytoma: An unexpected find: Case report</td>
<td>Irina Alexandra Cozea, Romania</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M. Lisievici, D. Pasov, C. Cocosila, V. Ciubotaru</td>
</tr>
<tr>
<td>005</td>
<td>Gliosarcoma with rhabdomyoblastic differentiation: A case report</td>
<td>Sarra Ben Rejeb, Tunisia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F. Gargouri, M. A. Bani, D. Ghachem, I. Msakni, B. Laabidi, A. Bouzianii</td>
</tr>
<tr>
<td>006</td>
<td>Papillary glioneuronal tumour</td>
<td>Cristina Georgiana Vasile, Romania</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M. Lisievici, D. Pasov, C. Cocosila, M. Gorgan</td>
</tr>
<tr>
<td>007</td>
<td>Ganglioneuroma: An incidental tumour of the adrenal gland</td>
<td>Waziri Garba Dahiri, Nigeria</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B. Ahmad, D. Suleiman, L. Muda, S. Moa, M. Salihu Muhammad, A. Sudi, I. Yawale</td>
</tr>
<tr>
<td>008</td>
<td>Cerebral schistosomiasis: Case report and literature review</td>
<td>Mariana Studart, Brazil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. Nascimento, N. Canedo, A. Caroli-Bottino</td>
</tr>
<tr>
<td>009</td>
<td>A rare case of hemangioblastoma of the cerebellum</td>
<td>Kalliroi Koulia, Greece</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. Tsavari, E. Arkoumani, G. Sotiropoulou, K. Manoloudaki, T. Vasilakaki</td>
</tr>
<tr>
<td>010</td>
<td>A case study of a central neurocytoma</td>
<td>Claudio Gleidiston Silva, Brazil</td>
</tr>
<tr>
<td>011</td>
<td>Brain stem atypical teratoid/rhabdoid tumour in a 27-year-old male: A case report</td>
<td>Kamelija Zarkovic, Croatia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. Paladino, D. Ozretic</td>
</tr>
<tr>
<td>012</td>
<td>Choroid plexus papilloma of the fourth ventricle: A case report</td>
<td>Linda Bel Hadj Kacem, Tunisia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>I. M’Sekni, S. Ben Rejeb, M. A. Bani, D. Ghachem, F. Gargouri, O. El Amine, A. Bouzianii, B. Laabidi</td>
</tr>
<tr>
<td>013</td>
<td>Epidemiology of cases presenting neuropsychiatric disorders, following a suicidal poisoning by drugs, in Morocco</td>
<td>Fatine Hadrya, Morocco</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L. Amiar, A. Aarab, A. Mokhtari, L. Ouammi, R. Soulaymani-Bencheikh, A. Soulaymani</td>
</tr>
<tr>
<td>015</td>
<td>Pilomyxoid astrocytoma in an adult male: A case report</td>
<td>Bethany Mariana Michaelides, Greece</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S. Pappa, E. Tsiliaka, A. Linardou, D. Charitos, N. Georgakoulias, C. Zorzos, T. Choreftaki</td>
</tr>
<tr>
<td>016</td>
<td>Are we facing Neurofibromatosis 1? An unusual combination of 2 pilocytic astrocytomas and a GIST</td>
<td>Carlos Marques Pontinha, Portugal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L. Mascarenhas-Lemos, D. Fortes, M. Ferraz-Oliveira, C. Giannini, M. Mafra</td>
</tr>
<tr>
<td>017</td>
<td>A case of spindle cell oncocytoma of adenohypophysis</td>
<td>Georgios Kyriakopoulos, Greece</td>
</tr>
<tr>
<td></td>
<td></td>
<td>G. Liadakis, S. Korfias, G. Stranjalis, T. Argyrakos</td>
</tr>
<tr>
<td>018</td>
<td>Angiomatous meningioma: Case report</td>
<td>Özgecan Gündodar, Turkey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E. Kimiloglu, N. Erdogan, M. Cin, M. E. Altunrende</td>
</tr>
<tr>
<td>019</td>
<td>Extracranial primary ectopic meningioma of the frontal bone: A case report and review of the literature</td>
<td>Filipa Moreno, Portugal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. R. Brandão, J. R. Vizcaíno</td>
</tr>
<tr>
<td>020</td>
<td>Two cases of brain metastasis with unusual presentations</td>
<td>Asli Cakir, Turkey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E. Calis, G. Oran, N. Cakici Basak, A. T. Basak, S. S. Bilgin, O. Canoz</td>
</tr>
</tbody>
</table>
021 The role of immunohistochemistry in lymphoplasmacyte-rich meningioma
Boro Ilievski, Republic of Macedonia
P. Zdravkovski, V. Filipce, A. Caparovski

022 Xanthomatous meningioma
Safak Ersoz, Turkey
Z. Sagnak, I. Saygin

023 Posterior fossa tuberculoma in a 9-year old boy mimicking posterior fossa tumour
Thanikachalm Pasupati Meenakshi, Malaysia

024 An intermediate grade melanocytoma in a quadrigeminal cistern
Emel Cakir, Turkey
I. Saygin, G. Yavuz Abdioglu

001 Ocular rhinosporidiosis mimicking conjunctival squamous papilloma in Kenya: A case report
Timothy Onyuma, Kenya
S. Gichuhi

003 Metastatic thymic carcinoma: A case we should always consider in the differential diagnosis of a metastatic cancer of unknown primary site
Anna Linardou, Greece

004 Causes of death in the central region of Ghana: Threat to tourism and socio-economic development?
Patrick Kafui Akakpo, Ghana
L. Derkyi-Kwarteng, S. Eliason, M. Morna, K. A. Baah

005 The useful immunohistochemical panel for differentiating solitary fibrous tumour/hemangiopericytoma
Yoldez Houcine, Tunisia
H. Azzouz, B. Chelly, A. Bani, A. Zehani, C. Bitri, S. Haouet, N. Kchir, I. Saguem

006 Cutaneous amyloidosis: A study with Tioflavin-t and Congo-red staining
Betül Igde, Turkey
B. Yaman, B. Gerçekker Türk, T. Akalin, S. Sen

007 Can Hematoxylin and Eosin staining achieve a diagnosis of a pulmonary fat embolism?: Case report
Youssef Chkirbene, Tunisia
M. Ben Khelil, H. Azouz, M. A. Bani, B. Chelly, S. Haouet, M. Hamdoun

008 Sudden death associated with unexpected lesions of the pituitary gland
Youssef Chkirbene, Tunisia
M. Ben Khelil, M. A. Bani, H. Azouz, B. Chelly, S. Haouet, M. Hamdoun

009 Sudden death due to undiagnosed Gaucher’s disease: Case report and review of the literature
Youssef Chkirbene, Tunisia
H. Azouz, M. Ben Khelil, M. A. Bani, B. Chelly, S. Haouet, M. Hamdoun
010 Sudden unexpected death due to undiagnosed glioblastoma: Report of two cases
Youssef Chkirbene, Tunisia
H. Azouz, M. Ben Khelil, M. A. Bani, B. Chelly, S. Haouet, M. Hamdoun

011 A case of sudden unexpected death due to a granulomatous vasculitis: Necropsy findings and histological features
Nihed Abdessayed, Tunisia
Y. Chkirbene, M. Jedidi, M. T. Yacoubi, M. K. Souguir

012 The influence of intra-abdominal hypertension on the morphological status of the brain
Dmitriy Matyushko, Kazakhstan
Y. Turgunov, M. Tussupbekova, A. Zlotnik, A. Nurbekov, A. Alibekov, D. Kaliyeva, Z. Koishibayev, M. Mugazov

Paediatric and Placental Pathology

001 Caroli syndrome associated with autosomal recessive polycystic kidney disease
Tiberiu-Augustin Georgescu, Romania
M. Sajin, M. Costache, A. M. Lazaroiu, A. Dumitru

002 Calretinin immunohistochemistry in the diagnosis of Hirschsprung disease
Pavitratha Puspanathan, Malaysia
W. A. Md Amin, I. Mohamad Rose

003 Hydranencephaly: A rare type of intrauterine destructive lesion of the brain
Sarka Hadravska, Czech Republic
M. Dubova, J. Dort, P. Mukensnabl, O. Daum

004 A case of pedunculated hepatic mesenchymal hamartoma in a child
Tihana Dzombeta, Croatia
B. Zupancic, A. Cizmic, M. Baskovic, L. Cizmic, B. Kruslin

005 Megacystis Microcolon Intestinal Hypoperistaltis Syndrome (MMIHS): Case report
Oana-Maria Andreoiu, Romania
C. G. Vasile, A. Vasile, A. Enculescu, G. Becheanu, S. Ionescu

008 Beckwith Wiedemann Syndrome: A 9 year retrospective analysis
Bruno Fernandes, Portugal

009 Meckel Gruber Syndrome: A rare and lethal anomaly
Ebru Cakir, Turkey

010 Small bowel cystic lymphangiomatosis: A rare tumour
Ebru Cakir, Turkey
S. Abdullazade, E. E. Pala, U. Kucuk, T. Ozdemir, S. Ekmekci, M. Uncel

012 A case of Patau syndrome combined with Congenital Adrenal Hyperplasia and cystic fibrosis
Andrey Kolobov, Russia
E. Fedotova

013 Bilateral ovarian germ cell tumours in a patient with Swyer syndrome: A case report
Maija Lubgane, Latvia
I. Franckevica, I. Štrumfa

014 The case report of pleomorphic anaplastic neuroblastoma with unique evaluation of carbon isotopic composition in tumour tissue
Józef Kobos, Poland
K. Taran, T. Fraczek, P. Paneth, A. Sitkiewicz, M. Zubowska

015 Erdheim-Chester disease – Case report
Pedro Rodrigues, Portugal
M. J. Julião, C. Oliviera, M. J. Martins, L. Prado e Castro
016
A very rare tumour of infancy
Nihed Abdessayed, Tunisia
H. Ouled Bar, M. Guerfala, S. Chaieb,
Y. Sghaier, A. Ben Abdelkader, M. Mokni

017
Infantile digital fibromatosis: A case report
Nihed Abdessayed, Tunisia
S. Mestiri, Y. Sghaier, M. Guerfala, S. Chaieb,
H. Ouled Bar, M. Mokni

018
Neonatal neuroplastoma of abdominopelvic sympathetic ganglia mimicking teratoma: An autopsy case report
Sihem Darouich, Tunisia
N. Boujelbene, A. Chabchoub, I. Abbes,
R. Ben Ghorbel, D. Kacem, S. Gaigi, K. Mrad,
A. Masmoudi

019
Presacral mature cystic teratoma: Part of Currarino triad
Luis Mascarenhas-Lemos, Portugal
D. Grangeia, C. Pontinha, S. Carmo,
R. Muninello, M. Mafra

E-PS-20 E-Posters

Pulmonary Pathology

001
Colloid adenocarcinoma of the lung: A case report and review of the literature
Lorna Donovan, United Kingdom
O. Wise, E. Mclean, A. Bille

003
Pathohistological aspects of pulmonary Langerhans cell histiocytosis
Aleksandra Lovrenski, Serbia
T. Ivkovic-Kapicil, T. Lakic, M. Panjkovic

004
Differential diagnosis and criteria of prognosis immunophenotype of the neuroendocrine tumors of the lung
Larisa Gurevich, Russia
N. Korsakova, I. Kazanceva, I. Voronkova,
V. Ashevskaia

005
Uncommon diagnosis of pleuropulmonary tumour: Woman 35 years old with progressive dyspnea. Case report and experience of the 12 de octubre hospital in 20 years (Madrid, Spain)
Greissy Tibisay Vázquez Benítez, Spain
A. B. Enguita Valls

006
Overview of suspected malignant lung biopsy
Havra Erdem, Turkey
H. Ozturk, M. Akcay Celik, Z. Doganguzel,
A. Kurt, B. Mollamehmetoglu

007
A rare case of pulmonary cribriform adenocarcinoma
David Pisani, Malta
J. De Gaetano

008
Clinical-pathologic significance of the tumour expression of PD-L1 in lung cancer
Cristian Ortiz-Villalón, Sweden
L. Kis, L. De Petris

009
Detection of Aldehyde Dehydrogenase [AlDh1] Cancer Stem Cell (CSC) marker in lung cancer and its correlation with patient prognosis
Neema Tiwari, India
A. Srivastava, A. Agarwal, S. Yadav,
S. K. Verma, S. Kant

010
Pulmonary hyalinizing granuloma with Castleman’s Disease: A rare case report
Arbil Acikalin, Turkey
D. Gumurdulu, M. Ergin, E. Kılıc Bagır,
A. Avcı, E. Ozyılmaz, S. Paydas

011
ALK gene rearrangements in non-small cell lung cancer Kazakhstan patients
Elvira Satbayeva, Kazakhstan
A. Altayeva, N. Artykbayeva, S. Esentayeva,
G. Smagulova

012
Immunohistochemical expression of various mucins in resected lung adenocarcinomas
Lothar Veits, Germany
A. Tzankov, M. Vieth, W. Sterlacci
013
Relation of EGFR and KRAS mutation status with phosphorylation of EGFR in lung adenocarcinomas
Luka Brcic, Austria
H. Popper

014
Primary extraskeletal osteosarcoma of the pleura mimicking mesothelioma: A case report
Ayse Nur Akatli, Turkey
E. Turkmen Samdanci, I. H. Dursun, M. R. Celik, C. A. Gormeli

015
mTOR expression is associated with high survival in small cell lung carcinoma patients
Lina Carvalho, Portugal
J. M. Monteiro, A. Alarcão, A. Ladeirinha, T. Ferreira, M. J. d’Aguirar, M. Reis Silva, V. Sousa, S. Balseiro

016
LRP and MRP-1 (Multidrug Resistance phenotype) are expressed in all histological patterns of lung adenocarcinomas
Vitor Sousa, Portugal

017
Efficacy of the UroVysion kit for the diagnosis of malignant pleural effusion
Leila Antonangelo, Brazil

018
Frequency of genetic abnormalities in malignant pleural effusion
Leila Antonangelo, Brazil

019
Pulmonary pleomorphic giant cell carcinoma: A case report
Anastasia Nikolaidou, Greece
E. Botsfari, D. Minotakis, B. Sidiropoulou, F. Patakisouta

020
Lung adenocarcinoma pattern recognition is relevant for chemotherapy resistance evaluation: Relevance of ERCC1 expression
Vitor Sousa, Portugal
B. Bastos, A. Alarcão, M. Reis Silva, A. Ladeirinha, S. Balseiro, T. Ferreira, M. J. d’Aguirar, L. Carvalho

021
Mitotic count is not a significant prognostic factor in stage Ia lung adenocarcinoma
Tamás Zombori, Hungary
R. Nemedi, D. Urban, J. Furak, L. Tiszlavicz

022
Atypical presentation of coal workers’ pneumoconiosis with siderosis
Kamuran Sekerzade, Turkey
N. Töreyin, E. Ayhan, R. Savas, K. Tarhan, A. Veral, D. Nart

023
Adventitial remodeling of experimental pulmonary hypertension induces myofibroblast-produced collagen V in a Th17-pathways-related manner
Alexandre Todorovic Fabro, Brazil

024
Mucoepidermoid carcinoma – a case report
Nora Derrabi, Morocco
F. Marnissi, M. Karkouri

025
Frequency and histopathological features of granulomas in resection specimens of lung tumours
Emine Bozkurtlar, Turkey
R. A. Ahiskali

026
Principles of clinic-morphologic verification of bronchoalveolar tumour
Raikhan Nygyzbaeva, Kazakhstan
M. Tussupbekova, R. Bakenova, G. Imanbayeva, L. Stabayeva
Atypical lipomatous tumour of larynx, closely simulating a spindle cell lipoma: A case report

Ayesha Azam, United Kingdom
N. Momtahan

Vascular tumours in Kano, Nigeria: A histopathological review

Solomon Raphael, Nigeria
Y. Ibrahim

Clear cell sarcoma of the big toe: An uncommon case

Aikaterini Tsavari, Greece
K. Koulia, E. Arkoumani, G. Sotiropoulou, K. Manoloudaki, T. Vasilakaki

Ossifying fibromyxoid tumour of soft parts: A malignant variant

Maurizio Brotto, United Kingdom

Pathology of lipoma arborescens and its clinical significance

Andrej Coer, Slovenia

Chordoma cutis

Maria Jesus Viso Soriano, Spain

Epithelioid hemangioendothelioma, diagnostic challenge in small biopsy

Sandra Liliana Quijano Moreno, Spain
F. J. Velasco Albendea, M. del Mar Berenguel Ibáñez, M. T. Cantón Yebra, J. R. Ortega Ramírez

Undifferentiated pleomorphic sarcoma of the parotid gland

Sandra Liliana Quijano Moreno, Spain
F. Pulido Fernández

Kaposiform hemangioendothelioma: A case report

Onur Oral, Turkey
E. Kaymaz Gezer

Undifferentiated pleomorphic sarcoma

Aida Farida, Indonesia

Chondrolipoma arising in the wrist: A case report

Kyi-Beom Lee, Republic of Korea
K.-S. Kwak, J.-H. Kim

Phosphaturic mesenchymal tumour, an important cause of adult-onset osteomalacia: A case report

Sofia Daniela Carvalho, Portugal
M. Teixeira, A. Silva

Expression of estrogen receptor and evaluation of histological degeneration scores in hypertrophied ligamentum flavum

Christina C. Westhoff, Germany
C.-D. Peterlein, H. Daniel, R. Moll, A. Ramaswamy, S. Lakemeier

Spindle cell rhabdomyosarcoma of unusual location: Case report

Mikheil Jangavadze, Georgian
N. Goishvili, I. Khakhutaishvili, I. A. Kirvalidze

Differential diagnosis problems in a three case series of chordoma

Sorin Dutulescu, Romania

Importance of differential diagnosis in clear cell chondrosarcoma: A case report

Sorin Dutulescu, Romania
020
Key microscopic findings for distinguishing benign notochordal cell tumour from chordoma
Takehiko Yamaguchi, Japan
H. Imada, S. Iida, A. Fujii, Y. Ono, S. Ban, Y. Ueda

021
Extraskeletal osteosarcoma of the forearm: A case report
Andreea-Delia Michire-Stefana, Romania

022
Desmoid type fibromatosis: Report of 7 cases
Ines Haddad, Tunisia
R. Hadhri, M. Njima, S. Makni, S. Ben Khalifa, S. Chouchane, L. Njim, A. Zakhama, A. Moussa

E-PS-22 E-Posters
Thymic and Mediastinal Pathology

001
Rare mediastinal tumour: Well-differentiated liposarcoma. Case description
Liliana Parascan, Romania
D. M. Pop

002
Immunohistochemical study of tumours of the thymus
Sleiman Khalil, Syrian Arab Republic
E. Chatty

003
Thymic carcinomas: A clinicopathologic review of 9 cases
Yang Zhang, USA
A. Burke

E-PS-23 E-Posters
Uropathology

002
The significance of BerEP4 and cytokeratin 19 expressions in epithelial tumors of kidney and renal pelvis
Ayhan Ozcan, Turkey
I. Yavan, M. Kilinc, S. Uguz, S. Ozaydin

003
Relationship among with gleason scores, age, serum prostate specific antigen and prostate volume in prostatic adenocarcinomas and prostatic adenomyomatous hyperplasia
Havva Erdem, Turkey
A. Cirakoglu, E. Benli

004
Synchronous tubulocystic cell carcinoma and papillary renal cell carcinoma in end-stage renal disease
Vanessa Henriques, Portugal
A. Silva, M. Ferreira

005
Immunohistochemical expression of cell adhesion molecules in urothelial carcinomas
Georgia Raptou, Greece
N. Koletsas, T. Koletsas, S. Choidas, S. Touloupidis, N. Papadopoulos, M. Lambropoulou

006
Low-grade metastases from Clear Cell Renal Cell Carcinomas (CCRCC): A study of E- and N- Cadherin expression in 19 cases
Verónica Caamaño Villaverde, Spain
L. Mosteiro, R. Guarch, R. Pulido, J. I. López

007
Immunohistochemical co-expression of ERG & CK5 in prostatic neoplasms for diagnostic efficacy in Indian subcontinents
Suresh Babu, India
M. Kumar, P. Sagar, A. Singhai, R. Kushwaha, M. Sagar, N. Husain, V. Singh, R. J. Sinha, S. Sankhwar

008
Synchronous bilateral testicular seminoma in a young patient
Efthymios Koniaris, Greece
N. Papaconstantinou, A. Dara, E. Marinou, A. Spyropoulou, M. Allamani

009
Mucinous tubular and spindle cell carcinoma: Report of two cases. Problems with differential diagnostic
Maria Teresa González Serrano, Spain
M. d. Mar Moreno Rodríguez, J. Carrasco Valiente, M. Medina Pérez
Renal hydatid disease mimicking renal cell carcinoma: A rare entity
**Sevinç Sahin**, Turkey

Ovarian – type epithelial tumors: A rare case of papillary serous tumor of low malignant potential of the testis
**Nicoleta Corina Mehotin**, Romania
A. Calu, M. Popa, O. Voinea, L. Toma, F. Vasilescu

WT1, a reliable marker for angiogenesis in clear cell renal cell carcinomas
**Ivan Fernandez Vega**, Spain

Primary renal Ewing sarcoma/primitive neuroectodermal tumour: A case report
**Filipa Santos**, Portugal
R. Cabrera

Primary myxoid chodrosarcoma of the penis: Case report
**Milica Cekerevac**, Serbia
J. Sopta, D. Nale, N. Bojanic, T. Pejic, U. Bumbasirevic, M. Jovanovic

Primary renal well-differentiated neuroendocrine tumour: A case report
**Mónica Cardoso**, Portugal
A. Pignatelli, T. Oliveira, C. Ferreira

Metastatic urothelial carcinoma of the prostatic urethra to the right testis
**Anastasia Dimitriadi**, Greece
B. M. Michaelides, C. Karambagias, C. Fragkoulis, A. Kostopoulou, G. Kakiopoulos, A. Fragkoulis, K. Ntoumas, T. Choreftaki

Paraganglioma of the urinary bladder
**Anastasia Dimitriadi**, Greece
S. Pappa, B. M. Michaelides, C. Fragkoulis, A. Kostopoulou, E. Giagourta, G. Papadopoulos, K. Ntoumas, T. Choreftaki

Neuroendocrine carcinoma of the bladder
**Amen Dhaoui**, Tunisia
R. Ben Romdhane, D. Ben Ghachem, A. Ayari, R. Boulma, K. Bellil

Renal glomus tumour: Diagnostic challenges of this rare entity of the kidney
**Seyda Erdogan**, Turkey
D. Gumurdulu, S. Karabag, S. Zorlu-demir

Renal mucinous tubular and spindle cell carcinoma combined with papillary renal cell carcinoma, type I– one tumour or two? A case report
**Jiri Soukup**, Czech Republic
M. Podhola

Assessment of the changes in tumour grade, size, and pT of bladder tumour in residual and recurrent tumours referred to Hasheminejad Kidney Center from 2003 to 2011
**Maryam Abolhasani**, Iran
M. Seyed Karimi, M. Asgari

Testicular fibroma of gonadal stromal origin: A rare tumour
**Ebru Cakir**, Turkey
U. Kucuk, E. E. Pala, S. Abdullazade, S. Ekmekci, Y. Ozlem Ilbey, G. Akoz

Nephrogenic adenoma: A report of three cases
**Elena Aleksoska**, Republic of Macedonia
V. Janevska, S. Saidi, O. Ivanovski

Two rare paediatric renal tumours mimicking Wilms' tumour of the kidney
**Fulya Oz Puyan**, Turkey

Prostate cancer with aberrant diffuse p63 expression: A case report
**Hatice Seneldir**, Turkey
G. Kir, M. I. Tosun, C. S. Topal
029
Clear cell (Tubulo) papillary renal cell carcinoma: Case report

Ulku Kazanci, Turkey
M. Cekirdek, L. Bay

030
High-grade urothelial carcinoma with areas of trophoblastic differentiation: Report of two cases arising in the upper urinary tract

Alexandre Nogueira Gregorio, Spain

031
Metastasis of testicular seminoma in the bladder: Case report

Andrada Loghin, Romania
M. Decaussin-Petrucci, A. Nechifor-Boila, A. Hanca, A. Nechifor-Boila, A. Borda

032
Human Herpes virus-8 related Kaposi Sarcoma of the ureter after renal transplantation

Suzan Zorludemir, Turkey
S. Erdogan, S. Paydas

033
The nested variant of the urothelial carcinoma: A case report

Pinar Karabagli, Turkey
T. Gurcan

034
Metastasis of colorectal carcinoma to kidney with in-situ growth pattern mimicking primary renal/urothelial neoplasm

Jiri Soukup, Czech Republic
M. Podhola

035
Primary localized amyloidosis of the bladder which mimics neoplasia

Ulku Kucuk, Turkey
E. Cakir, E. E. Pala, S. Ekmekci, S. Abdullazade, O. Cakmak

036
Correlation of AMACR and ERG expression with preoperative PSA levels and morphological features of the prostate cancer

Viktoryia Zakhara, Belarus
T. Liatkouskaya, E. Cherstvoy

037
A rare case of scrotal leiomyosarcoma

Samir Abdullazade, Turkey
E. Cakir, E. E. Pala, Y. Koca, O. K. Gunduz

038
Hypoglycemia and hypertension associated with bilateral metastatic renal hemangiopericytoma

B. Handan Ozdemir, Turkey

039
Prostatic metaplasia of the urinary bladder

Luis Alfaro, Spain
M. J. Roca, A. Molina-Cabeza, D. Gallego-Vilar

040
A rare case of solitary fibrous tumour of the adrenal gland

Walid Gattoufi, Tunisia

041
Metastasis of colorectal carcinoma to kidney

Nora Derrabi, Morocco
S. Benayad, F. Marnissi, M. Karkouri

042
An unusual case of T-cell lymphoma of male urethra

Luminita Mitrache, Romania
A. Petrescu, G. Berdan
Adrenal myelolipoma: A study of five cases
Asma Sassi, Tunisia
A. Zhani, I. Chelly, B. Chelly, H. Azzouz, Y. Nouira, S. Haouet, N. Kchir

Primary sclerosing epithelioid fibrosarcoma of the kidney in a young patient: Case report and review of the literature
Gonçalo Esteves, Portugal
R. Cabrera, S. Bezerra

Histopathological features in undifferentiated germinative testicular tumours
Ionut Poinareanu, Romania
M. Aschie, A. F. Mitroi, G. Baltatescu, G. Cozaru

Evaluation of cellular transformation and tumour aggressiveness factors expression in urinary bladder lesions in relation to bilharziasis
Heba Khalil Khalil, Egypt
O. Hammam, S. Ishak, M. Romeih

MiT family translocation-associated renal cell carcinoma: A single institution experience
Gizem Toker Caliskan, Turkey
M. A. Inan, I. Isik Gönül

Corticomedullary mixed tumour of the adrenal gland: A case report
Mustafa Emre Ercin, Turkey
S. Ersöz, S. Mungan, H. Coskun, C. Erem

Highly proliferative FGFR3-positive bladder tumours: A special subgroup?
Mirja Geelvink, Germany
A. Babmorad, A. Maurer, M. Rose, R. Stoehr, T. Grimm, R. Knuechel, N. T. Gaisa

Parameatal urethral cysts in prepubertal males
Meryem Dogan Altunpulluk, Turkey
G. Ayranci, M. H. Karabulut, I. E. Zemheri

One adenocarcinoma metastising to another: A rare case of prostate/lung tumour to tumour metastasis
Ricardo Veiga, Portugal
R. Silva, A. Catarino, M. Lima, T. Gonçalves, P. Sarmento, F. Martelo, M. Pantarotto
Congress Information
**Congress Venue**
Congress-Centrum Ost Koelnmesse  
Deutz-Mühlheimer Straße 51  
50679 Köln, Germany

The main entrance for the congress is Entrance East.

**Congress and Exhibition Office**
CPO HANSER SERVICE GmbH  
Paulsborner Str. 44  
14193 Berlin, Germany  
Phone: +49 – 30 – 300 669-0  
Fax: +49 – 30 – 305 73 91  
Email: esp-iap-2016@cpo-hanser.de

**Congress Registration Counter**
All congress material and documentation is available at the congress registration counter. The Congress Counter is located in the Entrance Hall of Congress-Centrum Ost Koelnmesse.

**Opening hours**
Sunday 25 Sept 2016  16:00 – 20:00  
Monday 26 Sept 2016  07:00 – 19:30  
Tuesday 27 Sept 2016  07:00 – 19:30  
Wednesday 28 Sept 2016  07:00 – 19:30  
Thursday 29 Sept 2016  08:00 – 19:00

During these opening hours the congress counter can be reached at:  
Phone: +49 – 221 – 821 3120

**IAP/ESP Booth**
The joint booth of the International Academy of Pathology – IAP and the European Society of Pathology – ESP is located in the Technical Exhibition.

**On-site Registration**
On-site registration will be processed on a first-come, first-served basis. Priority will be given to pre-registered delegates. Depending on the number of on-site registered delegates, availability of congress material may be limited.

**Registration Fees**

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IAP/ESP Member *</td>
<td>660</td>
</tr>
<tr>
<td>Non-Member</td>
<td>810</td>
</tr>
<tr>
<td>Resident **</td>
<td>370</td>
</tr>
<tr>
<td>Accompanying person of an IAP/ESP Member</td>
<td>60</td>
</tr>
<tr>
<td>Accompanying person of a Non-Member</td>
<td>80</td>
</tr>
<tr>
<td>Two Day Symposium for Molecular Biologists</td>
<td>200</td>
</tr>
<tr>
<td>One Day Symposium for Information Technology</td>
<td>100</td>
</tr>
<tr>
<td>One Day Workshop for Technicians</td>
<td>50</td>
</tr>
</tbody>
</table>

* In good standing (membership fee for 2016 paid). Please note that the member fee can only be granted if you are a member of the IAP/ESP at the time of registration. If you are not a member yet, you need to apply for membership first and once you have received your IAP/ESP membership confirmation, you can register at the member fee.

**Registration Fee for IAP and ESP Members, Non-Members and Residents includes:**
- Admission to all scientific sessions
- Admission to Opening Ceremony and Welcome Reception
- Admission to poster exhibition and technical exhibition
- Coffee breaks and lunches from Monday to Thursday
- Congress materials (delegate bag, final programme, abstract book etc.)
- Unlimited use of Cologne public transportation system from Monday, 26 September to Thursday, 29 September (city area of Cologne only)

**Registration Fee for Accompanying Persons includes:**
- Admission to Opening Ceremony and Welcome Reception
- Half day city sightseeing tour of Cologne
- Unlimited use of Cologne public transportation system from Monday, 26 September to Thursday, 29 September (city area of Cologne only)

Advance registration for the sightseeing tour for accompanying persons on 26, 27 or 28 September 2016 is required. Please book your included tour at least one day prior at the congress counter.
Congress Information

Please note that accompanying persons do not have access to the scientific sessions, the poster exhibition and the technical exhibition.

**Social Programme**

**CONGRESS CONCERT**
- 26 September 2016 · 20:15
- Cologne Cathedral

Member (cost contribution)  EUR 20
Non-Member (cost contribution)  EUR 40

**CONGRESS PARTY**
- 29 September 2016 · 20:00
- Tanzbrunnen Köln

Member (cost contribution)  EUR 20
Non-Member (cost contribution)  EUR 70

Availability is limited, so tickets for the social events will be sold on a first-come, first-served basis. Please purchase your ticket at least one day prior to the event at the congress counter.

**Name Badges**
Participants are kindly requested to wear their name badge at all times during the congress including the Opening Ceremony and Welcome Reception.

The colours of the name badges have the following significance:
- Light Blue – Delegate IAP/ESP Congress
- Dark Gray – Accompanying Person
- Green – Exhibitor
- Yellow – Delegate of Two Day Symposium for Molecular Biologists
- Light Blue/Yellow – Delegate IAP/ESP Congress and Two Day Symposium for Molecular Biologists
- Dark Blue – Delegate of One Day Symposium for Information Technology
- Light Blue/Dark Blue – Delegate IAP/ESP Congress and One Day Symposium for Information Technology
- Red – Delegate of One Day Workshop for Technicians
- Light Blue/Red – Delegate IAP/ESP Congress and One Day Workshop for Technicians
- Purple – Staff

**Congress Information System**
For the XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology, the web based Congress Information System CO CONGRESS ONLINE® has been installed: [www.iap2016.com](http://www.iap2016.com) and [www.esp-congress.org](http://www.esp-congress.org).

The delegates can set up and print out their personal congress programme schedule.

CO CONGRESS ONLINE® provides:
- Updated scientific programme
- Programme by day
- Programme by format
- Programme search
- List of exhibitors and sponsors
- General congress information
- Private mailbox

**Congress Language**
The official language of the XXXI International Congress of the IAP and 28th Congress of the ESP is English.

**Certificate of Attendance**
Participants can print out their certificates of attendance at the terminals near the registration counter.

**Abstract Book**
All abstracts are published in Virchows Archiv, Volume 469, Supplement 1. Participants will receive a copy of the final programme and the abstract book with the congress material.

**Programme Changes**
The organisers cannot assume liability for any changes in the conference programme due to external or unforeseen circumstances.

**IAP/ESP 2016 App**
Get the IAP/ESP 2016 App for your smartphone and experience the congress at your fingertips. Stop carrying around piles of paper. Just take the congress with you, wherever and whenever you like.
Mark your favorite sessions and personalise your experience.
Send questions to the chairman during a session.
Quickly find your way through the most up-to-date congress schedule.
Access vital information around the congress.
Receive push notifications regarding important sessions.
Tweet your status.
Network with other ESP/IAP participants.

The App is completely free and provides iPhone/iPad and Android users at the Congress in Cologne with on-the-go access to the congress' most exciting interactive features.

The Questions & Answers tool is available in the following rooms: Plenary Hall 11.3, Offenbachsaal, Europasaal.

The IAP/ESP 2016 App is powered by GLOBIT’s acclaimed CONGRESS MOBILE® software.

Speakers’ Preview Room
The Speakers’ Preview Room is located in the Service Centre East. Speakers are asked to hand in their CD-ROM or USB stick containing the PowerPoint presentation (IBM format or compatible, no multisession) preferably one day before their presentation, but at the latest three hours prior to the presentation. On-site technical staff will offer support.
Due to time and technical reasons we kindly ask the speakers not to use their own notebook. In the Speakers’ Preview Room there are several PC working stations, where speakers can also work on their presentation charts in a quiet area. Technical staff will be happy to assist.

Opening hours
Sunday 25 Sept 2016  16:00 – 20:00
Monday 26 Sept 2016  07:00 – 19:00
Tuesday 27 Sept 2016  07:00 – 19:00
Wednesday 28 Sept 2016  07:00 – 19:00
Thursday 29 Sept 2016  07:30 – 17:30

Poster Exhibition
Poster sessions will be held from Monday, 26 September to Thursday, 29 September 2016 in Hall 11.3 of Congress-Centrum Ost Koelnmesse. These sessions offer an effective forum for the exchange of information and a means to communicate ideas, research, and programmes.
Poster authors are required to be available for questions and further information at their poster board during the morning session break (09:30 – 10:30) from Monday to Thursday. Posters are changed daily and are on display for the entire day of the respective poster session. They are sorted by topics and will be numbered within those topics.
The poster exhibition is open to all registered delegates:

Poster Discussion Times for
- PS-01 to PS-07
  Monday, 26 Sept 2016: 09:30 – 10:30
- PS-08 to PS-14
  Tuesday, 27 Sept 2016: 09:30 – 10:30
- PS-15 to PS-19
  Wednesday, 28 Sept 2016: 09:30 – 10:30
- PS-20 to PS-25
  Thursday, 29 Sept 2016: 09:30 – 10:30

Interested participants can meet the authors for discussions of their poster presentation during the time of the poster presentation.

Posters need to be set up and dismantled on the day of the respective poster session within the following times:

Set-up:
Monday 26 Sept 2016  07:30 – 09:00
Tuesday 27 Sept 2016  07:30 – 09:00
Wednesday 28 Sept 2016  07:30 – 09:00
Thursday 29 Sept 2016  07:30 – 09:00

Dismantling:
17:00 – 18:00 on the day of the presentation. Posters which have not been removed within the indicated dismantling time will be disposed of.

E-Posters
E-Posters will be available in Hall 11.3 in the poster area. All E-Poster and poster presenters have been invited to upload their poster prior to the IAP/ESP congress.
All uploaded E-Posters can be searched for and viewed electronically on the 8 terminals in the poster area from Monday, 26 to Thursday, 29 September 2016.

**Technical Exhibition**
The XXXI International Congress of the IAP and 28th Congress of the ESP will be accompanied by a major technical exhibition taking place in Hall 11.3 of Congress-Centrum Ost Koelnmesse.

**Exhibition hours**
- Sunday 25 Sept 2016 20:00 – 22:00
- Monday 26 Sept 2016 09:00 – 17:15
- Tuesday 27 Sept 2016 09:00 – 17:15
- Wednesday 28 Sept 2016 09:00 – 17:15

**Internet Centre and WiFi**
The Internet Centre with several terminals is located in the South Foyer Congress-Saal.

**Opening hours**
- Sunday 25 Sept 2016 20:00 – 22:00
- Monday 26 Sept 2016 09:00 – 17:15
- Tuesday 27 Sept 2016 09:00 – 17:15
- Wednesday 28 Sept 2016 09:00 – 17:15

Additionally, WiFi areas in the foyers and exhibition allow easy access to the internet. Please select the WiFi network IAPESP2016, the password is iapesp2016.

**Coffee Breaks**
Coffee and tea will be served free of charge to all registered delegates during the morning and afternoon coffee breaks, 09:30 – 10:30 and 16:45 – 17:15 from Monday, 26 September through Wednesday, 28 September 2016 and 09:30 – 10:30 and 16:00 – 16:30 on Thursday, 29 September 2016. Coffee stations are located in the Technical Exhibition in Hall 11.3.

**Lunch Breaks**
Lunches are served from 13:00 to 14:30 from Monday, 26 September through Wednesday, 27 September 2016 and 13:00 to 14:00 on Thursday, 29 September 2016. The catering stations are located in the exhibition area in Hall 11.3.

**Cloakroom**
A cloakroom can be used free of charge from Sunday, 25 September 2016, early evening to Thursday, 29 September 2016. Participants can also store their luggage here. The cloakroom is located in the registration area.

**Car Park**
Please follow the green signs to Koelnmesse, Entrance East. You will be guided to the parking spaces dedicated to IAP/ESP by a modern traffic guidance system. The parking fee is EUR 6 per day.

**Safety**
Please make sure to take off your name badge and congress bag when you go sightseeing in downtown Cologne. Wearing the name and bag identifies you as a tourist which might attract pickpockets.

**First Aid**
First Aid will be provided during IAP/ECP tenancy hours at the Congress-Centrum. In case of emergency, please contact the staff at the congress counter.

**Insurance/Liability**
The IAP/ECP do not accept any liability for damages and/or losses of any kind which may be incurred by the congress participants or by any person accompanying them, during either the official activities or excursions. Delegates participate in all tours/events at their own risk. Participants are advised to take out insurance against loss, accidents or damage that could be incurred during the congress.

**How to get from the City Centre to the Convention Centre**

**Public Transport**
Cologne’s public transport system (KVB – Kölner Verkehrsbetriebe) is part of the network Verkehrsverbund Rhein-Sieg (VRS) offering a unified ticket system for Cologne and the surrounding region. The extended VRS network consists of busses, trams, S-Bahn (suburban trains), and regional trains. Due to its location in the centre of Cologne, Congress-Centrum Ost Koelnmesse can be
quickly reached by public transport. The underground lines 1 and 9 (station Köln-Deutz), S-Bahn lines S6, S11, S12, S13 (station Köln-Deutz) and tram lines 3 and 4 (station Koelnmesse) connect the city centre and surrounding region with Congress-Centrum Ost Koelnmesse.

Public transportation passes
The congress badge serves as public transportation ticket as it includes the logo of the public transportation company Verkehrsverbund Rhein-Sieg GmbH (VRS).
All registered IAP/ESP delegates are entitled to use the public transportation system free of charge from Monday, 26 September through Thursday, 29 September.

Exception: Delegates for the Two Day Symposium for Molecular Biologists, for the One Day Symposium for Information Technology and for the One Day Workshop for Technicians are not entitled to use the public transportation system free of charge.
The public transportation system includes bus, Straßenbahn (tram), S-Bahn (suburban train) and Regional Bahn (regional train).
Delegates can use their badge to reach the airport Köln/Bonn by suburban train or regional train.

Taxis
Taxis are located in front of the Entrance East or can be called for the arrival and departure under +49 221 2882 (TAXI RUF Cologne).
Industry Symposia
Monday, 26 September 2016

BrM-01  Industry Symposium
07:15 – 08:15  Congress-Saal 3
Leica Biosystems Vision 24. Advancing Cancer Diagnostics. Aligning and integrating the workflow to enable same day diagnosis
(Leica Biosystems)

001
Leica Biosystems, Advancing Cancer Diagnostics
Kai Remmert, Germany

002
Telemedicine in Pathology
Peter Sinn, Germany

LS-01  Industry Symposium
13:00 – 14:30  Europasaal
ALK and ROS-1 testing: Maximise your diagnostic capabilities
(Pfizer Oncology)
Chair: Reinhard Büttner, Germany

001 13:00 – 13:10
Welcome and introduction
Reinhard Büttner, Germany

002 13:10 – 13:40
ALK and ROS1: Achieving testing proficiency
Frédérique Penault-Llorca, France

003 13:40 – 14:05
NGS testing: Ready for the masses?
Fernando López-Ríos, Spain

004 14:05 – 14:25
External Quality Assessment (EQA): Ensuring your lab is certified
Elisabeth Dequeker, Belgium

005 14:25 – 14:30
Conclusions and closing comments
Reinhard Büttner, Germany

LS-02  Industry Symposium
13:00 – 14:30  Congress-Saal 2
Scientific and practical aspects in digital pathology
(3DHISTECH & SYSMEX)
Chair: Inti Zlobec, Switzerland

001
Tumour microenvironment in colorectal cancer: Application of ngTMA
Inti Zlobec, Switzerland

002
Digital immunohistochemistry with an immunohistochemical stainer, automated coverslipper, scanner system (iSaCS)
Manfred Dietel, Germany

003
Colour calibration in digital pathology
Yukako Yagi, USA

004
A fully digitized pathology laboratory experiences
A. C. F. Makkus, The Netherlands

005
Digital microscopy based education experiences
Dominique Wendum, France

LS-03  Industry Symposium
13:00 – 14:30  Congress-Saal 1
From testing to therapy – The PD-L1 continuum
(Roche Diagnostics)
Chair: Kenneth Bloom, USA

001 13:00 – 13:05
Welcome & Introduction
Kenneth Bloom, USA

002 13:05 – 13:30
The dangers of using a laboratory developed test as a companion diagnostic!
Keith Miller, United Kingdom
003 13:30 – 13:55
New biomarker in lung cancer: The PD-L1 continuum
Kenneth Bloom, USA

004 13:55 – 14:15
Cancer Immunotherapies – The next step in improving patient care
Achim Rittmeyer, Germany

LS-04 Industry Symposium
13:00 – 14:30  Congress Saal 3
The new NGS solution to investigate cancer – QIAGEN’s sample to insight approach
(QIAGEN)

001 For all who seek a better alternative – The GeneReader NGS system
Salim Essakali, Germany

002 The GeneReader NGS system: Experience of a complete NGS workflow solution
Margarethe Odenthal, Germany

003 The Linköping experience of clinical NGS data analysis and interpretation using QCI
Martin Hallbeck, Sweden

LS-05 Industry Symposium
13:00 – 14:30  North Conference Room
Pathology of rare disease: Multispecialty considerations for seeing the unseen
(Alexion Pharmaceuticals)
Chair: Uta Drebber, Germany

001 13:00 – 13:10
Welcome, introductions and overview
Uta Drebber, Germany

002 13:10 – 13:40
Pathologist perspective: Pathophysiology and differential diagnosis of LAL-D
Dhanpat Jain, USA

003 13:40 – 14:00
Hepatologist perspective: LAL-D patient case
Etienne Sokal, Belgium

004 14:00 – 14:20
Pathologist perspective: LAL-D patient case
Uta Drebber, Germany

005 14:20 – 14:30
Collaboration and multispecialty care in patients with LAL-D
Uta Drebber, Germany
Dhanpat Jain, USA
Etienne Sokal, Belgium
Tuesday, 27 September 2016

**BrM-02 Industry Symposium**

07:15 – 08:15 North Conference Room

Molecular classifiers as adjunct tests for the diagnosis of lung cancers (HTG Molecular Diagnostics)

*Adi F. Gazdar, USA*

*Patrick Micke, Sweden*

*Jean-Philippe Foy, France*

**LS-06 Industry Symposium**

13:00 – 14:30 Congress-Saal 2

Immunome biomarkers in Immuno-Oncology: Moving the science forward (Bristol-Myers Squibb)

*Chair: Reinhard Büttner, Germany*

001 13:00 – 13:10 Welcome and introduction

*Reinhard Büttner, Germany*

002 13:10 – 13:40 Immuno-Oncology: Harnessing the immune system to fight cancer

*Paolo Ascierto, Italy*

003 13:40 – 14:10 Immuno-Oncology, immune markers and melanoma

*Paolo Ascierto, Italy*

004 14:10 – 14:30 PD-L1 testing in metastatic NSCLC

*Frédérique Penault-Llorca, France*

*Solange Peters, Switzerland*

005 14:30 – 15:00 Implementation of PD-L1 testing in pathology practice

*Reinhard Büttner, Germany*

006 15:00 – 15:30 Question and answer panel

*Reinhard Büttner, Germany*

*Paolo Ascierto, Italy*

*Frédérique Penault-Llorca, France*

*Solange Peters, Switzerland*

007 15:30 – 16:00 Closing remarks

*Reinhard Büttner, Germany*

**LS-07 Industry Symposium**

13:00 – 14:30 Congress-Saal 1

Advancing women’s health: Certainty through diagnostics (Ventana Medical Systems)

001 13:00 – 13:10 Introduction

*Dietmar Schmidt, Germany*


*Mark Stoler, USA*

003 13:40 – 14:10 Every woman with breast cancer deserves the right treatment: Using biomarkers to determine patient care

*Anna Sapino, Italy*

004 14:10 – 14:30 Panel discussion & QA

*Dietmar Schmidt, Germany*

**LS-08 Industry Symposium**

13:00 – 14:30 Congress-Saal 3

(Thermo Fisher Scientific)

Part 1

Next generation sequencing in clinical research

001 Experience with the complete Oncomine workflow including the reporting solution for clinical research

*Peter Wild, Switzerland*

002 Validation of new NGS assay for BRCA ½ testing on FFPE tissue samples in clinical research

*Markus Möbs, Germany*

003 Q & A
**Wednesday, 28 September 2016**

**BrM-03**
**Industry Symposium**
07:15 – 08:15  
**Congress-Saal 1**
Precision pathology and targeted therapy: The CD30 story in haematological malignancies  
(Takeda Oncology)

001  07:15 – 08:00
The importance and challenges of CD30 testing in the differential diagnosis of lymphomas  
**Stefano Pileri, Italy**

002  08:00 – 08:15
Targeted therapies in CD30+ haematological malignancies  
**Marcus Hentrich, Germany**

**BrM-04**
**Industry Symposium**
07:15 – 08:15  
**Conference Room 1-2**
Detection of EGFR T790M resistance in NSCLC tumour and plasma sample  
(AstraZeneca)

Chair: **Reinhard Büttner, Germany**

001  07:15 – 07:20
Introduction and welcome  
**Reinhard Büttner, Germany**

002  07:20 – 07:35
Optimising testing pathways in NSCLC  
**Nicola Normanno, Italy**

003  07:35 – 07:50
Adoption of liquid biopsies in clinical practice  
**Rachel Butler, United Kingdom**

004  07:50 – 08:05
Ensuring quality EGFR testing in clinical practice  
**Reinhard Büttner, Germany**

005  08:05 – 08:15
Q+A/closing remarks  
**Reinhard Büttner, Germany**  
**Nicola Normanno, Italy**  
**Rachel Butler, United Kingdom**

006  08:15
Close  
**Reinhard Büttner, Germany**
Breakfast and Luncheon Industry Symposia

**LS-10 Industry Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00</td>
<td>Welcome and introduction</td>
</tr>
<tr>
<td>001</td>
<td>A. Marchetti, Italy</td>
</tr>
<tr>
<td>13:00</td>
<td>New insights into BRAF mutation in cancer (Novartis)</td>
</tr>
<tr>
<td>002</td>
<td>The relevance of BRAF as an oncogenic driver mutation – the molecular pathologist’s perspective</td>
</tr>
<tr>
<td>13:20</td>
<td>Melanoma: Leading the way in BRAF targeting</td>
</tr>
<tr>
<td>003</td>
<td>P. Mohr, Germany</td>
</tr>
<tr>
<td>13:40</td>
<td>Clinical features and outcomes in lung cancer patients with BRAF mutations</td>
</tr>
<tr>
<td>004</td>
<td>D. Planchard, France</td>
</tr>
<tr>
<td>14:00</td>
<td>Diagnostic testing for BRAF: Where are we? – Discussion</td>
</tr>
<tr>
<td>005</td>
<td>A. Marchetti, Italy</td>
</tr>
<tr>
<td>14:25</td>
<td>Wrap-up and closing</td>
</tr>
<tr>
<td>006</td>
<td>A. Marchetti, Italy</td>
</tr>
</tbody>
</table>

**LS-11 Industry Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00</td>
<td>Welcome and introduction</td>
</tr>
<tr>
<td>001</td>
<td>Reinhard Böttner, Germany</td>
</tr>
<tr>
<td>13:00</td>
<td>Molecular diagnosis of lung cancer and the potential of targeted therapies – Where are we now? (ZytoVision)</td>
</tr>
<tr>
<td>002</td>
<td>Keynote Lecture: Actual and upcoming targeted therapies in lung cancer</td>
</tr>
<tr>
<td>13:25</td>
<td>Jürgen Wolf, Germany</td>
</tr>
<tr>
<td>13:45</td>
<td>Diagnostic testing of ALK, MET and ROS1 – first results of the AcSé study program</td>
</tr>
<tr>
<td>003</td>
<td>Anne McLeer, France</td>
</tr>
</tbody>
</table>

**LS-12 Industry Symposium**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00</td>
<td>Welcome and introduction</td>
</tr>
<tr>
<td>001</td>
<td>Reinhard Böttner, Germany</td>
</tr>
<tr>
<td>13:00</td>
<td>Molecular diagnosis of lung cancer and the potential of targeted therapies – Where are we now? (ZytoVision)</td>
</tr>
<tr>
<td>002</td>
<td>Keynote Lecture: Actual and upcoming targeted therapies in lung cancer</td>
</tr>
<tr>
<td>13:25</td>
<td>Jürgen Wolf, Germany</td>
</tr>
<tr>
<td>13:45</td>
<td>Diagnostic testing of ALK, MET and ROS1 – first results of the AcSé study program</td>
</tr>
<tr>
<td>003</td>
<td>Anne McLeer, France</td>
</tr>
</tbody>
</table>
Equipment for Histo-Pathology Labs

COLOR UP YOUR LAB

Visit us in Cologne
Hall 11.3 · Booth No. 52

www.KUGEL-medical.de
Visit the AstraZeneca booth to learn about diagnostic tests that identify patients for targeted treatment

Booth 32.1, within Hall 11.3 (4th floor)
The ESP gratefully acknowledges the support of the following companies (as of 25 August 2016):

### Principal Sponsor

- 3DHISTECH & SYSMEX
- Roche

### Major Sponsor

- Bristol-Myers Squibb

### Further Sponsors and Exhibitors

- A. MENARINI diagnostics
- Abbott GmbH & Co. KG
- Advanced Cell Diagnostics
- AID GmbH
- Alexion Pharmaceuticals
- American Registry of Pathology/ARP Press
- Applied Spectral Imaging
- ArcherDX
- AstraZeneca
- Basys Data GmbH
- Bio Optica Milano S.p.A.
- Biocare Medical
- Biocartis
- Bruker Daltonik GmbH
- Cell Marque, a business of Merck KGaA
- CellPath Ltd
- Cirdan
- COVARIS
- Dako Deutschland GmbH an Agilent Technologies Company
- dc-systeme Informatik GmbH
- Dianova
- DOUBLE HELIX
- ELSEVIER GmbH
- Enea Brivio
- Enzo Life Sciences
- EXAKT Advanced Technologies GmbH
- ExciOne
- Fa-Tech Diagnostics Europe BV
- Faxitron
- Feather Safety Razor Co., Ltd.
- Guangzhou Hongqi Optical Instrument Technology Co., Ltd.
- HalioDx
- Hamamatsu Photonics
- HiSS Diagnostics GmbH
- Horizon Discovery
- HTG Molecular Diagnostics
- Huron Digital Pathology
- ICT Automatisering Nederland BV
- Illumina GmbH
- International Agency for Research on Cancer/World Health Organization
- JVCKENWOOD Corporation
- KABE LABORTECHNIK GmbH
- KUGEL medical GmbH
- Leica Biosystems
- Lunaphore
- Medical and Biological Laboratories Co., Ltd.
- MEDITE GmbH
- Medithecque Bookshop
- Medsoft Partners, Inc.
- Milestone srl
- Morphisto
- MSD SHARP & DOHME GMBH
- Multiplicom
- NanoString Technologies
- Natera
Under the terms of the EFPIA code the company MSD SHARP & DOHME GMBH requested to publish their financial support for the XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology. (The payment has been transferred to CPO HANSER SERVICE GmbH)

Exhibition stand space EUR 4,500

Additional support

The XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology thanks the Cologne Tourist Board for supporting the congress.
Accelerate Genetic Testing in your Laboratory

- Clinically relevant targeted assays available for licensing
- Partner access to the same CE-marked bioinformatics algorithms used in Natera labs
- Access to Natera’s proprietary CE-marked reagents and protocols
- Dedicated scientific staff to support site preparation and workflow customization
- Natera branding and global-marketing programs

Find out more information at the Natera Booth #32.2

201 Industrial Road, Suite 410 | San Carlos, CA 94070 | www.natera.com

This test was developed by Natera, Inc. a laboratory certified under the Clinical Laboratory Improvement Amendments (CLIA). This test has not been cleared or approved by the U.S. Food and Drug Administration (FDA). Although FDA does not currently clear or approve laboratory-developed tests in the U.S., certification of the laboratory is required under CLIA to ensure the quality and validity of the tests. © Natera 2016 All Rights Reserved.
LABORATORY INVESTIGATION

Editor-in-Chief: Gene P. Siegal, MD, PhD

Laboratory Investigation publishes high-quality original research in all biomedical disciplines relating to the understanding of human disease and the application of new methods to the diagnosis of disease. Both human and experimental studies are welcome.

LEARN MORE AT: www.nature.com/labinvest

MODERN PATHOLOGY

Editor-in-Chief: John N. Eble, MD, MBA

Modern Pathology provides a forum for the understanding of the pathologic processes and evaluation of new and existing diagnostic applications of scientific advances and clinical pathologic correlations. The journal fosters the acquisition and maintenance of up-to-date information to ensure high standards of practice.

LEARN MORE AT: www.nature.com/modpathol

SUBMIT YOUR BEST RESEARCH AND BENEFIT FROM:

- Wide exposure and article visibility via nature.com
- Rapid decision and publication times
- Inclusion in leading abstracting and indexing services, including ISI, MEDLINE, EMBASE and BIOSIS
- Supplementary online material - authors are invited to submit additional supporting material such as data sets or video for publication in the online version of the journals
- Open Access options available for authors

*Data is taken from the 2014 Journal Citation Reports®, Science Edition (Thomson Reuters, 2015)
### Exhibitors in alphabetical order (as of 25 August 2016)

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3DHISTECH &amp; SYSMEX</td>
<td>5</td>
</tr>
<tr>
<td>A. MENARINI diagnostics</td>
<td>34</td>
</tr>
<tr>
<td>Abbott GmbH &amp; Co. KG</td>
<td>28</td>
</tr>
<tr>
<td>Advanced Cell Diagnostics</td>
<td>88</td>
</tr>
<tr>
<td>AID GmbH</td>
<td>82</td>
</tr>
<tr>
<td>American Registry of Pathology/ARP Press</td>
<td>10</td>
</tr>
<tr>
<td>Applied Spectral Imaging</td>
<td>51</td>
</tr>
<tr>
<td>ArcherDX</td>
<td>40</td>
</tr>
<tr>
<td>AstraZeneca</td>
<td>32.1</td>
</tr>
<tr>
<td>Basys Data GmbH</td>
<td>49</td>
</tr>
<tr>
<td>Bio Optica Milano S.p.A.</td>
<td>36</td>
</tr>
<tr>
<td>Biocare Medical</td>
<td>79</td>
</tr>
<tr>
<td>Biocartis</td>
<td>43</td>
</tr>
<tr>
<td>Bristol-Myers Squibb</td>
<td>25</td>
</tr>
<tr>
<td>Bruker Daltonik GmbH</td>
<td>48</td>
</tr>
<tr>
<td>Bundesverband Deutscher Pathologen</td>
<td>74</td>
</tr>
<tr>
<td>Cell Marque, a business of Merck KGaA</td>
<td>33</td>
</tr>
<tr>
<td>CellPath Ltd</td>
<td>84</td>
</tr>
<tr>
<td>Cirdan</td>
<td>46</td>
</tr>
<tr>
<td>COVARIS</td>
<td>8</td>
</tr>
<tr>
<td>Dako Deutschland GmbH an Agilent Technologies Company</td>
<td>23</td>
</tr>
<tr>
<td>dc – systeme Informatik GmbH</td>
<td>75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deutsche Gesellschaft für Pathologie</td>
<td>74</td>
</tr>
<tr>
<td>Dianova</td>
<td>86</td>
</tr>
<tr>
<td>DOUBLE HELIX</td>
<td>73</td>
</tr>
<tr>
<td>ELSEVIER GmbH</td>
<td>39</td>
</tr>
<tr>
<td>Enea Brivio</td>
<td>70</td>
</tr>
<tr>
<td>Enzo Life Sciences</td>
<td>83</td>
</tr>
<tr>
<td>European Society of Pathology – ESP</td>
<td>24</td>
</tr>
<tr>
<td>EXAKT Advanced Technologies GmbH</td>
<td>76</td>
</tr>
<tr>
<td>Excilone</td>
<td>35</td>
</tr>
<tr>
<td>Fa-Tech Diagnostics Europe BV</td>
<td>77</td>
</tr>
<tr>
<td>Faxitron</td>
<td>87</td>
</tr>
<tr>
<td>Feather Safety Razor Co., Ltd.</td>
<td>20</td>
</tr>
<tr>
<td>Guangzhou Hongqi Optical Instrument Technology Co., Ltd.</td>
<td>50</td>
</tr>
<tr>
<td>HalioDx</td>
<td>54</td>
</tr>
<tr>
<td>Hamamatsu Photonics</td>
<td>4</td>
</tr>
<tr>
<td>HiSS Diagnostics GmbH</td>
<td>58</td>
</tr>
<tr>
<td>Horizon Discovery</td>
<td>53</td>
</tr>
<tr>
<td>HTG Molecular Diagnostics</td>
<td>30</td>
</tr>
<tr>
<td>Huron Digital Pathology</td>
<td>7</td>
</tr>
<tr>
<td>IAP Congress 2018 Jordan</td>
<td>66</td>
</tr>
<tr>
<td>ICT Automatisering Nederland BV</td>
<td>41</td>
</tr>
<tr>
<td>Illumina GmbH</td>
<td>9</td>
</tr>
</tbody>
</table>
## List of Exhibitors

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Academy of Pathology – IAP</td>
<td>24</td>
</tr>
<tr>
<td>International Agency for Research on Cancer/World Health Organization</td>
<td>14</td>
</tr>
<tr>
<td>JVCKENWOOD Corporation</td>
<td>91</td>
</tr>
<tr>
<td>KABE LABORTECHNIK GmbH</td>
<td>19</td>
</tr>
<tr>
<td>KUGEL medical GmbH</td>
<td>52</td>
</tr>
<tr>
<td>Leica Biosystems</td>
<td>21</td>
</tr>
<tr>
<td>Lunaphore</td>
<td>37</td>
</tr>
<tr>
<td>Medical and Biological Laboratories Co., Ltd.</td>
<td>29</td>
</tr>
<tr>
<td>MEDITE GmbH</td>
<td>56</td>
</tr>
<tr>
<td>Meditheque Bookshop</td>
<td>71</td>
</tr>
<tr>
<td>Medsoft Partners, Inc.</td>
<td>55</td>
</tr>
<tr>
<td>Milestone srl</td>
<td>60</td>
</tr>
<tr>
<td>Morphisto</td>
<td>76</td>
</tr>
<tr>
<td>MSD SHARP &amp; DOHME GMBH</td>
<td>89</td>
</tr>
<tr>
<td>Multiplicom</td>
<td>47</td>
</tr>
<tr>
<td>NanoString Technologies</td>
<td>57</td>
</tr>
<tr>
<td>Natera</td>
<td>32.2</td>
</tr>
<tr>
<td>Nikon GmbH – Microscope Solutions</td>
<td>45</td>
</tr>
<tr>
<td>Olympus Europa SE &amp; Co. KG</td>
<td>22</td>
</tr>
<tr>
<td>ORSAtec GmbH</td>
<td>72</td>
</tr>
<tr>
<td>Oxford Gene Technology</td>
<td>78</td>
</tr>
<tr>
<td>pfm medical ag</td>
<td>20</td>
</tr>
<tr>
<td>PHILIPS</td>
<td>42</td>
</tr>
<tr>
<td>Primera Technology Europe</td>
<td>63</td>
</tr>
<tr>
<td>QIAGEN GmbH</td>
<td>3</td>
</tr>
<tr>
<td>QuanDx</td>
<td>90</td>
</tr>
<tr>
<td>Roche</td>
<td>6</td>
</tr>
<tr>
<td>Sakura Finetek</td>
<td>17</td>
</tr>
<tr>
<td>SARSTEDT AG &amp; Co.</td>
<td>64</td>
</tr>
<tr>
<td>Sectra</td>
<td>85</td>
</tr>
<tr>
<td>Sophia Genetics SA</td>
<td>31</td>
</tr>
<tr>
<td>STRATEC Molecular GmbH</td>
<td>59</td>
</tr>
<tr>
<td>Süss Labortechnik – Your Partner in Laboratory</td>
<td>15</td>
</tr>
<tr>
<td>Takeda Oncology</td>
<td>27</td>
</tr>
<tr>
<td>Thermo Fisher Scientific</td>
<td>1</td>
</tr>
<tr>
<td>Thieme + Frohberg GmbH</td>
<td>62</td>
</tr>
<tr>
<td>TissueGnostics</td>
<td>44</td>
</tr>
<tr>
<td>Vela Diagnostics</td>
<td>16</td>
</tr>
<tr>
<td>Visiopharm</td>
<td>65</td>
</tr>
<tr>
<td>WebMicroscope</td>
<td>81</td>
</tr>
<tr>
<td>Wiley</td>
<td>67</td>
</tr>
<tr>
<td>Wisepress Medical Bookshop</td>
<td>69</td>
</tr>
<tr>
<td>Zytomed Systems GmbH</td>
<td>80</td>
</tr>
<tr>
<td>Zytovision GmbH</td>
<td>18</td>
</tr>
</tbody>
</table>
## Exhibitors by Booth Number (as of 25 August 2016)

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermo Fisher Scientific</td>
<td>1</td>
</tr>
<tr>
<td>QIAGEN GmbH</td>
<td>3</td>
</tr>
<tr>
<td>Hamamatsu Photonics</td>
<td>4</td>
</tr>
<tr>
<td>3DHISTECH &amp; SYSMEX</td>
<td>5</td>
</tr>
<tr>
<td>Roche</td>
<td>6</td>
</tr>
<tr>
<td>Huron Digital Pathology</td>
<td>7</td>
</tr>
<tr>
<td>COVARIS</td>
<td>8</td>
</tr>
<tr>
<td>Illumina GmbH</td>
<td>9</td>
</tr>
<tr>
<td>American Registry of Pathology/ARP Press</td>
<td>10</td>
</tr>
<tr>
<td>International Agency for Research on Cancer/World Health Organization</td>
<td>14</td>
</tr>
<tr>
<td>Süss Labortechnik – Your Partner in Laboratory</td>
<td>15</td>
</tr>
<tr>
<td>Vela Diagnostics</td>
<td>16</td>
</tr>
<tr>
<td>Sakura Finetek</td>
<td>17</td>
</tr>
<tr>
<td>ZytoVision GmbH</td>
<td>18</td>
</tr>
<tr>
<td>KABE LABORTECHNIK GmbH</td>
<td>19</td>
</tr>
<tr>
<td>Feather Safety Razor Co., Ltd.</td>
<td>20</td>
</tr>
<tr>
<td>pfm medical ag</td>
<td>20</td>
</tr>
<tr>
<td>Leica Biosystems</td>
<td>21</td>
</tr>
<tr>
<td>Olympus Europa SE &amp; Co. KG</td>
<td>22</td>
</tr>
<tr>
<td>Dako Deutschland GmbH an Agilent Technologies Company</td>
<td>23</td>
</tr>
<tr>
<td>International Academy of Pathology – IAP</td>
<td>24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Company</th>
<th>Booth No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Society of Pathology – ESP</td>
<td>24</td>
</tr>
<tr>
<td>Bristol-Myers Squibb</td>
<td>25</td>
</tr>
<tr>
<td>Takeda Oncology</td>
<td>27</td>
</tr>
<tr>
<td>Abbott GmbH &amp; Co. KG</td>
<td>28</td>
</tr>
<tr>
<td>Medical and Biological Laboratories Co., Ltd.</td>
<td>29</td>
</tr>
<tr>
<td>HTG Molecular Diagnostics</td>
<td>30</td>
</tr>
<tr>
<td>Sophia Genetics SA</td>
<td>31</td>
</tr>
<tr>
<td>AstraZeneca</td>
<td>32.1</td>
</tr>
<tr>
<td>Natera</td>
<td>32.2</td>
</tr>
<tr>
<td>Cell Marque, a business of Merck KGaA</td>
<td>33</td>
</tr>
<tr>
<td>A. MENARINI diagnostics</td>
<td>34</td>
</tr>
<tr>
<td>Excilone</td>
<td>35</td>
</tr>
<tr>
<td>Bio Optica Milano S.p.A.</td>
<td>36</td>
</tr>
<tr>
<td>Lunaphore</td>
<td>37</td>
</tr>
<tr>
<td>ELSEVIER GmbH</td>
<td>39</td>
</tr>
<tr>
<td>ArcherDX</td>
<td>40</td>
</tr>
<tr>
<td>ICT Automatisering Nederland BV</td>
<td>41</td>
</tr>
<tr>
<td>PHILIPS</td>
<td>42</td>
</tr>
<tr>
<td>Biocartis</td>
<td>43</td>
</tr>
<tr>
<td>TissueGnostics</td>
<td>44</td>
</tr>
<tr>
<td>Nikon GmbH – Microscope Solutions</td>
<td>45</td>
</tr>
<tr>
<td>Cirdan</td>
<td>46</td>
</tr>
<tr>
<td>Company</td>
<td>Booth No.</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Multiplicom</td>
<td>47</td>
</tr>
<tr>
<td>Bruker Daltonik GmbH</td>
<td>48</td>
</tr>
<tr>
<td>Basys Data GmbH</td>
<td>49</td>
</tr>
<tr>
<td>Guangzhou Hongqi Optical Instrument Technology Co., Ltd.</td>
<td>50</td>
</tr>
<tr>
<td>Applied Spectral Imaging</td>
<td>51</td>
</tr>
<tr>
<td>Bruker Daltonik GmbH</td>
<td>48</td>
</tr>
<tr>
<td>Basys Data GmbH</td>
<td>49</td>
</tr>
<tr>
<td>Guangzhou Hongqi Optical Instrument Technology Co., Ltd.</td>
<td>50</td>
</tr>
<tr>
<td>Applied Spectral Imaging</td>
<td>51</td>
</tr>
<tr>
<td>KUGEL medical GmbH</td>
<td>52</td>
</tr>
<tr>
<td>Horizon Discovery</td>
<td>53</td>
</tr>
<tr>
<td>HalioDx</td>
<td>54</td>
</tr>
<tr>
<td>Medsoft Partners, Inc.</td>
<td>55</td>
</tr>
<tr>
<td>MEDITE GmbH</td>
<td>56</td>
</tr>
<tr>
<td>NanoString Technologies</td>
<td>57</td>
</tr>
<tr>
<td>HiSS Diagnostics GmbH</td>
<td>58</td>
</tr>
<tr>
<td>STRATEC Molecular GmbH</td>
<td>59</td>
</tr>
<tr>
<td>Milestone srl</td>
<td>60</td>
</tr>
<tr>
<td>Thieme + Frohberg GmbH</td>
<td>62</td>
</tr>
<tr>
<td>Primera Technology Europe</td>
<td>63</td>
</tr>
<tr>
<td>SARSTEDT AG &amp; Co.</td>
<td>64</td>
</tr>
<tr>
<td>Visiopharm</td>
<td>65</td>
</tr>
<tr>
<td>IAP Congress 2018 Jordan</td>
<td>66</td>
</tr>
<tr>
<td>Wiley</td>
<td>67</td>
</tr>
<tr>
<td>Wisepress Medical Bookshop</td>
<td>69</td>
</tr>
<tr>
<td>Enea Brivio</td>
<td>70</td>
</tr>
<tr>
<td>Meditheque Bookshop</td>
<td>71</td>
</tr>
<tr>
<td>ORSAtec GmbH</td>
<td>72</td>
</tr>
<tr>
<td>DOUBLE HELIX</td>
<td>73</td>
</tr>
<tr>
<td>Bundesverband Deutscher Pathologen</td>
<td>74</td>
</tr>
<tr>
<td>Deutsche Gesellschaft für Pathologie</td>
<td>74</td>
</tr>
<tr>
<td>dc – systeme Informatik GmbH</td>
<td>75</td>
</tr>
<tr>
<td>EXAKT Advanced Technologies GmbH</td>
<td>76</td>
</tr>
<tr>
<td>Morphisto</td>
<td>76</td>
</tr>
<tr>
<td>Fa-Tech Diagnostics Europe BV</td>
<td>77</td>
</tr>
<tr>
<td>Oxford Gene Technology</td>
<td>78</td>
</tr>
<tr>
<td>Biocare Medical</td>
<td>79</td>
</tr>
<tr>
<td>Zytomed Systems GmbH</td>
<td>80</td>
</tr>
<tr>
<td>WebMicroscope</td>
<td>81</td>
</tr>
<tr>
<td>AID GmbH</td>
<td>82</td>
</tr>
<tr>
<td>Enzo Life Sciences</td>
<td>83</td>
</tr>
<tr>
<td>CellPath Ltd</td>
<td>84</td>
</tr>
<tr>
<td>Sectra</td>
<td>85</td>
</tr>
<tr>
<td>Dianova</td>
<td>86</td>
</tr>
<tr>
<td>Faxitron</td>
<td>87</td>
</tr>
<tr>
<td>Advanced Cell Diagnostics</td>
<td>88</td>
</tr>
<tr>
<td>MSD SHARP &amp; DOHME GMBH</td>
<td>89</td>
</tr>
<tr>
<td>QuanDx</td>
<td>90</td>
</tr>
<tr>
<td>JVCKENWOOD Corporation</td>
<td>91</td>
</tr>
</tbody>
</table>
XXXI International Congress of the International Academy of Pathology and 28th Congress of the European Society of Pathology

Pathology of Rare Disease: Multispecialty Considerations for Seeing the Unseen

Placing the spotlight on the role of the pathologist in Lysosomal Acid Lipase Deficiency

Join our expert faculty for an interactive discussion and case presentation

Monday 26 September • 13:00-14:30
North Conference Room, 4th Floor
Congress-Centrum Ost Kölnmesse
Cologne, Germany

FACULTY
Chair: Uta Drebber, MD
Professor of Pathology
University of Cologne
Cologne, Germany

Dhanpat Jain, MD
Professor of Pathology and Medicine
Yale University School of Medicine
New Haven, CT, USA

Etienne Sokal, MD, PhD
Professor of Medicine
Chief of Pediatric Gastroenterology and Hepatology
Université Catholique de Louvain
Cliniques Universitaires Saint-Luc
Brussels, Belgium

Microscopy image: courtesy of Dhanpat Jain, MD,
Yale University School of Medicine, New Haven, CT

© 2016, Alexion Pharmaceuticals, Inc. All rights reserved.
DJSUNB-LAL/16/0038
DE/AT/KAN-LAL/16/0038
Social Events

Tours
Social Events

Opening Ceremony and Welcome Reception

Sunday, 25 September 2016
19:00 – 22:00, Congress-Centrum Ost Koelnmesse

Join the official Opening Ceremony of the XXXI International Congress of the IAP and 28th Congress of the ESP in Plenary Hall 11.3 of Congress-Centrum Ost Koelnmesse. During the ceremony, there will be words of welcome by the Congress Presidents and the Principal of the University of Cologne followed by performances of the youth choir St. Stephan and the traditional “Kölsch” dance ensemble Kölner Rheinweilchen. The Opening Ceremony will be followed by a Welcome Reception in the technical exhibition in Hall 11.3 of Congress-Centrum Ost Koelnmesse.

Congress Concert

Monday, 26 September 2016
20:15 – 21:00, Cologne Cathedral
(doors open 19:30)
Kardinal-Höffner-Platz, 50667 Köln

The Congress Concert will take place at the renowned Cologne Cathedral. The construction of the Cologne Cathedral started in 1248 and was halted in 1473. The work restarted in the 19th century and was completed in 1880. The cathedral is the largest Gothic church in Northern Europe. Its two huge spires have characterized the city’s skyline since their completion. Today the cathedral still is Cologne’s second-tallest structure. Due to the building’s impressive German Catholicism and Gothic architecture, the shrine of the Three Kings, the outstanding stainedglass windows and the many other important works of art, the Cologne Cathedral was listed as UNESCO World Heritage Site in 1996.

Enjoy a concert at the Cologne Cathedral by cathedral organist Professor Winfried Bönig, who became organist of Cologne Cathedral in 2001, enjoys worldwide recognition and has played at organ blessings and premieres in China, Russia and Spain. In addition, he is also a conductor. His recordings on the Cologne Cathedral organ attract great attention.

How to get there

By public transportation: Take suburban trains S6, S12, S11 or S13 from railway station Köln-Deutz to Cologne Central Station. Take exit Cathedral and you will find the main portal on the right hand side. Make sure to allow enough travel time (approx. 20 minutes from congress venue to Cologne Cathedral).

Cost contribution per person

IAP/ESP Member: EUR 20
Non-Member: EUR 40
Elsevier’s Journals in Pathology

Elsevier publishes over 40 journals spanning the broad field of Pathology including leading titles *Journal of Molecular Diagnostics*, *American Journal of Pathology*, and *Pathology*.

To view the complete list, scan the QR code below.

Visit our full collection of over 40 Pathology-related titles—scan the QR code:

Elsevier is a world-leading provider of information solutions that help you make better decisions, deliver better care, and sometimes make groundbreaking discoveries in science, health, and technology. We provide web-based, digital solutions—among them ScienceDirect and ClinicalKey—and publish over 2,500 journals including and 33,000 book titles.

Impact Factor data from the 2015 Journal Citation Reports®, Thomson Reuters, 2016
**Congress Party**

**Thursday, 29 September 2016**

- **20:00 – 23:30,**
  - **Tanzbrunnen Köln**
  - Rheinparkweg 1, 50679 Köln (Deutz)

Don’t miss the Grand Finale of the XXXI International Congress of the IAP and 28th Congress of the ESP – the Congress Party at Tanzbrunnen Köln on the banks of the Rhine River with a stunning panorama of the Old Town and Cologne’s famous landmark, Cologne Cathedral. Spend an unforgettable evening with a buffet dinner and live music performed by Me and the Heat – a well-known German cover band.

**How to get there**

Leave Congress-Centrum Ost Koelnmesse and turn right. At the end of the building, turn right again on Barmer Str. Continue walking on Leichlinger Str. which becomes a little foothpath until you reach a bigger street called Auerweg. Cross the street and follow Charles-de-Gaulle-Platz. At the end of Charles-de-Gaulle-Platz turn right on Kennedy-Ufer which becomes Rheinparkweg 1. Make sure to allow enough travel time to the venue (approx. 20 minute walk).

**Cost contribution per person**

- **IAP/ESP Member:** EUR 20
- **Non-Member:** EUR 70

*Cologne © Udo Haake/KölnTourismus GmbH*
PATHOLOGY JOURNALS

Visit the Wisepress Booth for Congress Discounts!

www.LWW.com
In cooperation with the Cologne Tourist Board, various guided tours in and around Cologne will be offered to participants and their accompanying persons during the XXXI International Congress of the IAP and 28th Congress of the ESP. All tours will be accompanied by an English-speaking guide. They start and end at the congress venue: Congress-Centrum Ost Kölnmesse, Cologne.

**Sightseeing Tour of Cologne**

- **Monday, 26 Sept 2016**  
  **14:00 – 16:00**
- **Tuesday, 27 Sept 2016**  
  **09:30 – 11:30**
- **Wednesday, 28 Sept 2016**  
  **09:30 – 11:30**

For registered accompanying persons, this tour is included in the registration fee. Please note that advance registration is required.

This bus tour will introduce you to Cologne and provide insights into the former Roman colony and the medieval Old Town of churches, merchants and guilds. From the river bank in Cologne-Deutz you have a panoramic view of the city's beautiful sights: Cologne's Old Town with the Rheingarten, the towers of Groß St. Martin, the Town Hall and of course the famous Cathedral. Cologne Cathedral was declared a World Heritage Site in 1996 and is the largest Gothic church in Northern Europe as well as Germany's most visited landmark.

**Price per person:**  
**EUR 24**

Price includes: Transportation and English-speaking guide.

**Sightseeing Tour of Cologne incl. Walking Tour and Visit to Cologne Cathedral**

- **Monday, 26 Sept 2016**  
  **09:30 – 12:30**

A bus tour will introduce you to Cologne and provide insights into the former Roman colony and the medieval Old Town of churches, merchants and guilds. From the river bank in Cologne-Deutz you have a panoramic view of the city's beautiful sights: Cologne's Old Town with the Rheingarten, the towers of Groß St. Martin, the Town Hall and of course the renowned Cathedral.

Moreover, you will have the chance to visit the world-famous Cologne Cathedral. After the foundation stone was laid in 1248, it took more than 600 years until the Cathedral was finished in the 19th century. It was declared a World Heritage Site in 1996 and is the largest Gothic church in Northern Europe as well as Germany's most visited landmark.

Further themes during the walking tour are the city's destruction during the Second World War, its reconstruction and modern urban development as well as the typical Cologne mentality.

**Price per person:**  
**EUR 35**

Price includes: Ticket for Cologne Cathedral, transportation and English-speaking guide.
**Sightseeing Tour of Cologne incl. Panorama Cruise on the Rhine River**

**Tuesday, 27 Sept 2016**  
**Thursday, 29 Sept 2016**

A bus tour will introduce you to Cologne and provide insights into the former Roman colony and the medieval Old Town of churches, merchants and guilds. From the river bank in Cologne-Deutz you have a panoramic view of the city’s beautiful sights: Cologne's Old Town with the Rheingarten, the towers of Groß St. Martin, the Town Hall and of course the famous Cathedral. Cologne Cathedral was declared a World Heritage Site in 1996 and is the largest Gothic church in Northern Europe as well as Germany’s most visited landmark.

You will also have time to enjoy Cologne in the best way – discover the picturesque panorama of Cologne with the old town and new Rheinau Marina with the “crane buildings” from a boat during a 1-hour cruise. On board you can learn more interesting facts about the city’s rich history while you gently float along.

**Price per person**  
**EUR 33**

Price includes: Ticket for panorama cruise, transportation and English-speaking guide.

---

**Brühl Palaces: Augustusburg and Falkenlust**

**Tuesday, 27 Sept 2016**  
**10:00 – 16:00**

The Brühl palaces, Augustusburg as the main building and Falkenlust as hunting lodge and place of retreat, impressively demonstrate the lavish lifestyle at the former court of the Electors and Cologne archbishops. The UNESCO cultural World Heritage Site offers you a glimpse at extravagant rococo architecture and long walks through the vast baroque gardens and park.

**Price per person**  
**EUR 90**

Price includes: Admission to Augustusburg and Falkenlust, transportation, English-speaking guide and lunch at a local restaurant, excluding drinks.
City Tour of Bonn incl. Visit to the Beethoven House

Wednesday, 28 Sept 2016  ▶ 10:00 – 16:00

The remarkable Old Town of Bonn, the former capital of Germany, will captivate you immediately with its charm when you stroll through the narrow alleys of the 2,000-year-old city. Your tour will take you to the imposing Town Hall built under the Wittelsbacher Elector Princes and Cologne archbishops Joseph Clemens and Clemens August as well as to the residential palaces which are still used today as university buildings. The house in which Ludwig van Beethoven was born in 1770 has served as a museum dedicated to the renowned musician for more than a hundred years. Here you will discover new or little known facts about the world-famous composer.

Your tour will also take you past the beautiful Romanesque Minster St. Cassius and Florentius before going back to Cologne.

Price per person  ▶ EUR 82
Price includes: Admission to Beethoven House, transportation, English-speaking guide and lunch at a local restaurant, excluding drinks.

General Conditions Tours

- Full payment in advance is required.
- All tours will be conducted in English.
- You will receive your tour tickets at the Social Events & Tour Desk at the Congress venue.
- All tours start and end at the congress venue, Congress-Centrum Ost Kölnmesse, Cologne.
- The meeting point will be the Social Events & Tour Desk.
- All tours are based on a minimum of 25 participants. The organisers reserve the right to cancel the tours if the minimum number of participants is not reached. Registration fees for cancelled tours will be refunded.
Sharing multiplies your knowledge

Leveraging decades of Philips experience in clinical digital transformation, the IntelliSite pathology solution can provide you the speed, quality and scalability you need.

High resolution images, collaboration features and case management support tools can help you make that next step in workflow improvement and accelerate knowledge sharing between care providers.

Interested to learn more?

Visit the Philips booth (#42) or www.philips.com/digitalpathology
Innovative coverage of recent advances in basic and translational medical research

Pathobiology offers a valuable platform for the publication of high-quality original research into the mechanisms underlying human disease. Aiming to serve as a bridge between basic biomedical research and clinical medicine, the journal welcomes articles from scientific areas such as pathology, oncology, anatomy, virology, internal medicine, surgery, cell and molecular biology, and immunology. Published bimonthly, Pathobiology features original research papers and reviews on translational research. The journal offers the possibility to publish proceedings of meetings dedicated to one particular topic.

Editor-in-Chief
B. Borisch, Geneva

The current issue can be viewed at www.karger.com/pat

Pathobiology also offers many benefits to authors:

Cost-effective publishing
No submission fee, free online color figures, no page limit, no publication fee for papers of 10 printed pages or less

Quality
The journal stands out both for its efficient submission process and the excellent picture quality. Each article is fully copyedited by highly trained staff and monitored throughout every stage of its production.

Impact
Inclusion in all the major abstracting and indexing services (Journal Citation Reports, PubMed/MEDLINE, EMBASE, Biological Abstracts)

Submission
Guidelines for authors at www.karger.com/pat
A

Aamelfot, C. 109
Aarab, A. 171
Aas, H. 85
Aas, T. 53
Abatov, N. 97, 142
Abatova, A. 142
Abbaci, M. 164
Abbas, H. H. 145
Abbes, H. 90, 101, 102, 108, 117, 158, 159, 162, 163, 174
Abdallah, D. 114, 148, 155
Abdayem, P. 156
Abd-Elazeem, M. 143
Abdelhalik, S. 71, 123, 152
Abdelhamil, I. 105
Abdelkader, M. 143
Abdel, A. 92
Abdelmagid, I. 92
Abdelmoneim, H. 50
Abdelmunsif, D. 155
Abdelouahab, A. 115
Abdessayed, N. 103, 105, 127, 149, 152, 162, 164, 168, 173, 174
Abdrakhimova, D. 106
Abdulgawad, N. 100
Abulkader, N. 90, 91
Abulkader Nallib, I. 109
Abulkareem, F. 157, 167
Abullahi, S. 106
Abdullazade, S. 86, 122, 173, 178, 179
Abdelouahab, B. 144
Abeer, S. 130
Abellan Palazón, A. 54
Abels, E. 78
Abesamis, R. G. 124
Abess, I. 163
Abid, N. 82, 107, 116, 152
Abin Saracho, M. 140, 144, 168
Abolhasani, M. 140, 144
Abolina, M. 153
Abolins, A. 92, 93, 153, 157, 166
Abou-Beih, S. 94
Abram, M. 104
Abrantes, A. M. 94, 97
Abrantes, C. 112, 128, 150
Ab'Saber, A. 66
Abubakar, M. 106
Abudib, G. 107
Abugaliev, K. 97
Abuomar, A. 164
Abzianidze, E. 53
Acer, E. 152
Acherar, F. 104
Acikalin, A. 86, 105, 174
Acikalin, M. 107, 145
Adachi, Y. 125
Adam, A. C. 95
Adam, J. 68, 101
Adam, R. L. 90
Adam, S. 139
Adamane, S. 122
Adame Cabrera, R. 141
Adamkov, M. 85
Adamyan, L. 102
Adesina, A. 64
Adetola, D. 82, 130
Adetona, E. 127
Adler, Y. 149
Adouni, O. 88, 165, 166
Adsay, N. V. 34, 37
Afansaysyev, B. 62
Afonso, L. P. 57
Afonso, M. 88
Afonso, R. 107
Afonso Afonso, F. J. 109
Afrogehe, A. 37
Afrozian, M. 45
Aftab, M. 97
Agaimy, A. 30, 34, 43, 55, 92, 93, 116
Agamia, N. 114
Agaram, N. 67
Agarwal, A. 90, 153, 174
Agarwal, J. 112
Agarwal, J. P. 68
Aguiar, B. 162
Aguiar, M. C. 108
Aguiar, M. J. 55, 130
Aguiar Losada, B. 125
Aguirre Andra, J. 168, 178
Aguirre-Ghiso, J. 32
Aguir, H. 38
Ahiskali, R. A. 112, 113, 175
Ahmad, B. 171
Ahmed, B. 93
Ahmed, M. A. H. 145
Ahmed, S. A. 106
Ahmed, S. S. 84
Ahrens, T. 135
Alad, H. 94
Aida, J. 99, 119, 123
Ala, S. 99
Aligelsreiter, A. 68, 131, 169
Airoldi, M. 53
Aitkenhead, M. 115
Ait Si Ali, M. O. 115
Aizcorbe, M. 117
Ajetunmobi, O. 135
Ajikia, B. 124
Alakokp, P. K. 172
Alakal, T. 116, 172
Alakit, A. N. 85, 167, 175
Akbas, G. 83, 123
Akay Celik, M. 174
Akdeniz Dogan, Z. D. 115
Akhemetov, T. 104
Akhtar, N. 90
Aki, S. Z. 95
Akimitsu, N. 106
Akine, R. 83
Akinyama, G. 70
Akizuki, C. 143
Akanya, H. 116, 129, 143, 156
Akman, O. 158
Akoz, G. 87, 88, 129, 178
Akpinar, R. 126
Akpo, W. 105
Akslen, L. 53, 85, 109
Aksoy, S. 86
Akturk, S. 62
Akyol, A. 92, 119
Akyol, G. 95
Aladily, T. 104
Alaggio, R. 40, 44, 128
Alaghehbandan, R. 38
Alahari, A. 62
Alam, K. 159
Alam, K. J. 117
Alam, F. 169
Alarcoa, C. 126, 169, 175
Alastuey, M. 141
Al Balawi, H. 136
Albani, A. 153
Albarello, L. 34
Albarracin, M. 130
Alberton, J. 97, 142
Albu, M. 90
Alcaraz Mateos, E. 37, 54, 99, 130
Alcieck, S. 163
Alcoela Guardiola, C. 54
Aldefoia, I. 31
Aleksandrova, A. K. 70
Aleksandrov, N. 141
Aleksis, I. 110, 166
Aleksoska, E. 178
Aleman, I. 103
Alessandria, B. 88
Alessandri, L. 53, 103
Alevizopoulos, N. 152
Alexa, A. 135
Alexa, T. 135
Alfaroo, J. 141
Alfaroo, L. 155, 179
Alfaroo Torres, J. 140, 141
Alfsen, G. C. 54, 55
Alfeg, B. 51, 139
Algar, A. 122
Al-Haffar, L. 104
Al-Hatroooshi, B. 98
Al-Hussaini, M. 101, 160
Ali, A. 165
Ali, F. 93
Ali, M. H. 145
Ali, P. 128
Alibekov, A. 93, 173
Aliste, C. 114
Al-Jobory, D. 151
Al-Katan, H. 44, 70, 136
Al-Kindi, H. 128
Allamani, M. 163, 177
Allanson, B. 34, 38
Allegra, M. 68, 70
Allende, I. 151
Al-Louy, H. 91
Alou, S. 101
Al-Mitne, M. 31
Almeida, G. M. 98, 99, 129
Almeida, R. 150, 157, 173
Al-Sollon, A. 83
Al-Othman, Y. 160
Alou, R. 107, 142, 165, 168, 179
Alpan, B. 138
Al-Radi, L. 62
Al-Rahbi, N. 93
Al-Saadi, M. 128
Al-Salami, A. 117
Al-Salami, S. 82
Al-Sancak, P. 128
Index of Authors

Brilliant, Y.  89
Brinza, D.  68
Brito, A. F.  97
Brito, L. M. R.  98
Brito, M.  128
Brito, M. M.  88
Brodie, C.  83
Brodky, S.  45, 96
Brogaard, M. A.  127
Bronsrt, P.  35, 123, 137
Bronsly, S.  31
Brookes, P.  45, 54
Broomer, A.  133
Brotto, M.  176
Broussset, P.  122
Brown, I.  46, 59
Brück, W.  57
Brüggenwirth, H. T.  44
Brun, D.  61
Brunhofer, P.  142
Brun, A.  97
Bruno, M.  31
Bruno, A.  97
Büttner, P.  108
Burkard, G.  155
Buchwalow, I.  164
Bucur, A.-R.  143
Budzies, J.  68, 75, 132
Budka, H.  57
Bueno, C.  66, 111, 138
Bugyi, K.  94
Buiga, R.  82
Buisine, M.-P.  32
Bülow, R. D.  96
Bulten, J.  101
Bumbasirevicu, U.  178
Bunesciuc, V.  149
Burazor, I.  149
Burdelski, C.  145
Burduk, P.  108
Burkadze, G.  53, 99
Burke, A.  48, 143, 145
Burig, K.-F.  60
Busca, M. R.  121
Bussoleti, G.  56
Bustreo, S.  53
But, M.  119
Butler, R.  134, 191
Cabrera, C.  143
Cabrera, R.  100, 178, 180
Cabrera Canioni, A.  88
Cacchi, C.  130, 154
Cachoud, M.  54, 94, 98
Caffo, M.  45
Cai, M.-Y.  106, 118, 120
Cakalagaoglu, F.  93
Cakici Basak, N.  171
Cakir, A.  171
Cakir, E.  108, 122, 152, 156,
172, 173, 178, 179
Calabrese, F.  179
Calabuig, M.  110
Cala Riquelme, F.  128
Caldas, M.  88
Caldeira, J. P.  159
Calik, A.  152
Calì, A.  141
Calis, E.  171
Calisti, D.  67
Calle, C.  124
Callejas, F.  168
Calenomi, E.  45
Calonje, E.  56, 60
Calu, A.  178
Camacho, J.  126
Camacho Urkaray, E.  168, 178
Camaréo, I.  70
Camarão, N.  130
Camboero Morata, O.  62, 151
Cameselle Teijeiro, J.  90, 91,
109
Campo, E.  52
Campos Costa, E.  45
Can, A.  167
Can, N.  152, 178
Cañas, L.  170
Canas Marques, C.  125
Canaz, F.  107, 143
Cândido Tassin, G.  143
Cândido Pimentel, J. V.  171
Caneo, N.  171
Caneo, J.  90
Cangara, M. H.  158
Cannavà, S.  153
Canney, A.  95
Caneglu, D.  151
Cañón, D.  91, 153
Canoz, O.  171
Canpolat, T.  108
Cansiz Ersoz, C.  103, 119,
120, 121
Cantermir, A.  135
Cantón Yebra, M. T.  167, 176
Can Trabulus, D.  86
Canzonieri, V.  53, 103
Cao, J.  45
Caparoski, A.  172
Capparo, X.  83
Capel Flores, I.  99
Capella, C.  123
Capelli, P.  157
Capelozzi, V.  40, 66, 70, 71,
111, 112, 175
Capo, I.  126
Cappelletta, R.  61
Cappia, S.  134
Capron, F.  60
Capuani, A.  149
Carcasa, C.  91, 126, 149, 157
Carballal, S.  31
Carceles, F.  130
Cardesa, A.  64, 130
Cardiel García, M. J.  152
Cardona, D. M.  38
Cardoso, M.  157, 178
Cardoso, P.  137
Carlson, J.  32
Carminho, M. T.  129
Carminho, T.  54
Carre, P.  99
Carrere, S.  123
Carrilho, E.  97
Carunca, I.-D.  95, 103, 169
Carvalho, J.  121
Carvalho, L.  32, 55, 66, 97, 121,
126, 130, 169, 175
Carvalho, S.  107
Carvalho, S. D.  176
Carvalho Caldas, G. d.  98
Casalots, A.  134
Casal Rubio, J.  109
Casanova, R.  111
Casanueva, F.  91
Cascardi, E.  104
Casiraghi, O.  164
Casnedi, S.  34
Casar, M.  88
Cassagni, G.  53
Castanón Deprat, A.  152
Castelain, L.  66
Castellano, I.  53
Castells, A.  31
Castelo-Branco, M.  94
Castiel Muruzabal, T.  136, 152
Castiglione, R.  132, 149
Castillo, L.  151
Castillo-Fernández, L.  62
Castillo-Martin, G.  48
Castro, M.  119, 144
Castro e Sousa, F.  167
Castro-Medina, M.  127
Catanozzi, S.  71, 111
Catargiu, D.  140
Catarino, A.  180
Cathomas, G.  30, 34, 37,
93, 124
Cavallett, G.  131
Cavalante Xavier, S.  49
Cavalcante, M. M.  57
Cavazzana, A.  40, 66
Cazals-Hatem, D.  34, 94,
117, 118
Ceausu, A. R.  92, 125, 156
Cecfemás Falcón, L. A.  165
Cekerevac, M.  178
Index of Authors

D de Thomaz, A. A. 90
Dettmer, M. 42, 61
Devarbhavi, H. 122
Deveci, M. A. 137
Devecioglu, E. 168
Devoossou-Shisheboran, M. 36, 50
de Vries, J. 71
Dewi, H. 38
Dezso, K. 94
D’Haene, N. 135
Dhani, N. 156
Dhanuthai, K. 107
Dhaoui, A. 115, 120, 150, 165, 178
Dheur, M.-S. 114
Dhiab, T. 158
Dias, P. C. 133
Dias Carvalho, S. 31, 88
Dias-Jácome, E. 31
Dias Lourenço, J. 138
Dias Pereira, A. 122, 124
Diaz, A. 116
Diaz Carcco, O. R. 128
Di Bartolomeo, R. 89
Dibombe, L. 91
Di Capua, D. 95
Di Caterino, T. 58
Dickman, P. 49
Dicu, A.-R. 87
Diculescu, M. 117, 157
Didas, M. 111
Diercks, G. 56
Dietel, M. 42, 56, 60, 65, 68, 69, 74, 132, 188
Di Gangi, L. 92
Dimas, N. 144
Dimitriadi, A. 107, 115, 172, 178
Dimitriadi, I. 132
Dimkovic, N. 96
Dinesh, K. 105
Di Palma, S. 129
Dirilenoglu, F. 126
Dirksen, U. 57, 136
Dishop, M. 51
Ditsios, K. 57
Diyenli, E. 45
Dizbay Sak, S. 66
Dizibuyuk, O. F. 110, 161
Djambaz, D. 157
Djolai, M. 119
Djordjevic, D. 145
Djouidi, K. T. 121, 157
Domagala, P. 83
Domat, F. 117, 118
Dominy, K. 45
Domsa, A.-M. T. 108
Donadio, M. 53
Dong, J. 38
Dordevic, G. 144
Dort, J. 173
dos Santos, A. L. 66, 111, 112, 138, 175
Dos Santos-Filho, A. 71, 111
Dostarbayev, R. 166
Douggaz, A. 108
Doughty, R. 99
Dout, J. 173
Drouille, B. 54, 155, 189
Drewor, L. 141
Driee, I. 118
Driman, D. 59
Driss, M. 101, 102, 117, 158, 159, 162, 163
Du, A. 107
Duarte, A. 144
Duarte, S. 139
Dubey, A. 137
Dubova, M. 154, 173
Dudek, P. 141
Duisenova, A. 166
Dulinez, I. 137, 149
Duman, N. 96
Dumbrava, M. 117
Dumitrescu, M. 120
Dumitru, A. 114, 123, 126, 136, 154, 159, 161, 173
Dumitru, I. 159
Dumitru, M. 119
Dundresc, M. 137
Dundjerovic, D. 145
Dundr, P. 61, 160
Dupaoy, D. 53
Dura, M. 160
Duran, R. 164
Duregon, E. 61
Durmez, G. 103
Durmus Kocaaslan, F. N. 151
Dursun, I. H. 175
Dursun, N. 115
Durukan, H. 162
Dursucu, C. 116
Dushaeva, M. 154
Duskovaj, V. 38, 45, 98
Duta, C. 120, 151
Dutra, A. R. N. 175
Dutillesc, S. 95, 138
Duval, A. 119
Dwainingsh, E. K. 104, 163
Dwivedi, A. 102
Dyduck, G. 156
Dzambas, J. 38, 110, 116
Dziri, C. 168
Dzombeta, T. 90, 173
E Eaton, D. 110
Eberhart, C. 65, 70
Ebert, M. P. 119
Eble, J. N. 141
Ech-Charif, S. 148, 161
Edar, S. 131, 169
Ediators, T. 104, 163
Ediz, C. 142
Efi, A. 137
Egawa, Y. 89, 114
Egele, C. 53
Egevad, L. 67, 141
Eguia Aquilar, P. 49
Egyed-Zs., I. 126
Ehali, B. 131, 169
Eizaquier, B. 160
Eken, G. 102
Ekin, O. 87
Ekminci, O. 156
Ekizoglu, S. 62
El-Abbaoui, S. 86, 116
Elagib, S. 136
El Amine, O. 171
El Amine El Hadj, O. 88, 165,
Elatrash, G. A. 145
El-Azab, D. 94
El-Bahrawy, M. 100
Elboga, U. 92
Elenitoba-Johnson, K. 39
El-Gammal, S. 94
El Gammal, S. 134
Elamir, K. 39
Elias, M. 104
Elia, S. 172
El Hadj Olfa, E. A. 169
El-Hadj, E. 139
El-Hadj, O. A. 186, 141
El-Hadj Olfa, E. A. 86, 116
El-Khannoussi, B. 171
El-Khannoussi, B. 186, 141
El-Nabi, A. 94
Elpek, O. 169
El-Rashidy, M. 89, 155
Emek Yüksek, G. 145
El-Sakhawy, M. 105
El-Sambani, S. 48
El-ward, Y. 161
El Zimaity, H. 124
Foltinova, J. 130
Foltin, V. 130
Fonseca, I. 107
Fonseca, R. 38, 122, 124
Fontanillas, M. 83
Forest, F. 109, 110
Fornas, E. 138
Forbes, D. 171
F. Orth, M. 57
Foschini, M. P. 35, 82
Foschat, M. 45, 166
Fournari, M. 141
Fourret, P. 66
Fournel, P. 109, 110
Foy, J.-P. 190
Franczek, T. 173
Fraga, J. 98, 100, 112, 125
Fragkoulis, A. 141, 178
Fragkoulis, C. 141, 178
Franchi, A. 43, 44, 61, 105
Franckevisca, I. 92, 93, 129, 173
Franco, J. I. 118, 122, 141
Franco, R. 66
Franco Rubio, J. I. 137, 140, 141, 166, 176
Frank, G. 85
Freitag, S. 56
Freitas, L. 48, 139
Freitas, M. 101
Friscka-Nagy, A. 96
Fridrihsone, I. 157, 166
Fries, K. 97, 155
Frikha, M. 136
Fritchek, K. 67
Fröhling, S. 68, 137
Fu, X. 131
Fue! Gómez, D. C. 144
Fuentes Vaamonde, H. 125, 142
Fuertes Negro, B. 116, 119, 136, 145, 150, 152
Fujii, A. 177
Fujii, T. 85
Fujiyama, J. 155
Fukayama, M. 92
Fukunaga, M. 136
Fukuzoka, J. 40
Fülügraf, H. 123, 127
Fülöp, L. 91
Fumagalli, C. 132
Furak, J. 66, 175
Furtado, A. 112, 140
Furtado, E. 128
Furuse, C. 108
Furuya, M. 47, 110

G
Gallego-Vilar, D. 179
Galilford, J. 45, 54
Galilo, O. 61
Galilyamova, A. 66, 85, 148
Galsim, R. 124
Galván, J. 31, 109
Ganous, A. 88, 165, 166
Gándara Cortés, M. 142, 144
Gándar Vilá, P. 114
Gaşşarov, Y. 108
Garba Dahuir, W. 171
Garbe, C. 135
Garça, B. 126
Garça, H. 112
Garça, K. 116, 162
Garçin Acuña, S. 90
Garça Bragado, F. 125, 162
Garça Caballero, T. 135
Garça Chequer, J. 49
Garçin Donoso, M. d. Carmen 152
Garça Fernández, E. 144
Garçin Frensdadillo, D. 105, 160
Garca Giraldo, A. 163
Garbi, W. 122, 152
Garhub, S. 122
Ghulam, S. 122
Giaiourta, E. 178
Giannini, C. 171
Gibbons, D. 98, 161
Gichishi, S. 172
Giefing, M. 108
Gij, M. A. M. 53
Gil, H. 123
Gil Aldea, I. 125
Gilbs, K. 28, 50
Gilbs, C. B. 103
Gill, A. 59
Gill Martin, M. 50
Giner, F. 136
Giordi, G. 103
Giovanitis, D. 169
Giovenali, P. 64
Girard, L. 67
Gioufré, G. 45
Giusca, S. E. 91, 95, 103
Gijdema, J. 164
Gikia, E. 84
Gobbi, H. 116
Gobej, I. 176
Gocmen, A. 99
Goddard, J. 122, 134
Goddard, K. 88
Godoy dos Santos, A. L. 138
Goedhals, J. 153
Goga, H. 193
Goglashvili, K. 99
Golubovic, M. 87
Gomez, M. L. 121, 157
<table>
<thead>
<tr>
<th>Author Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hansén Nord, K.</td>
<td>63</td>
</tr>
<tr>
<td>Hansmann, M.-L.</td>
<td>64, 71</td>
</tr>
<tr>
<td>Hauet, S.</td>
<td>103, 120, 126, 127, 139, 141, 150, 166, 172, 173, 180</td>
</tr>
<tr>
<td>Haowari, H.</td>
<td>163</td>
</tr>
<tr>
<td>Harada, K.</td>
<td>89</td>
</tr>
<tr>
<td>Harada, S.</td>
<td>135</td>
</tr>
<tr>
<td>Harahap, A.</td>
<td>92</td>
</tr>
<tr>
<td>Harazin-Lechowska, A.</td>
<td>93</td>
</tr>
<tr>
<td>Harbaum, L.</td>
<td>119</td>
</tr>
<tr>
<td>Hardianti, M. S.</td>
<td>104, 163</td>
</tr>
<tr>
<td>Hardisson, D.</td>
<td>53</td>
</tr>
<tr>
<td>Harford, J.</td>
<td>99</td>
</tr>
<tr>
<td>Harman, M.</td>
<td>144</td>
</tr>
<tr>
<td>Haroske, G.</td>
<td>65</td>
</tr>
<tr>
<td>Hartmann, A.</td>
<td>31, 55, 64, 135</td>
</tr>
<tr>
<td>Hartmann, W.</td>
<td>57, 132, 134</td>
</tr>
<tr>
<td>Hasby Saad, E. A.</td>
<td>89, 93, 103, 139</td>
</tr>
<tr>
<td>Hassan, S.</td>
<td>97</td>
</tr>
<tr>
<td>Hassan, U.</td>
<td>90</td>
</tr>
<tr>
<td>Hasserjian, R.</td>
<td>52</td>
</tr>
<tr>
<td>Hasumi, H.</td>
<td>69</td>
</tr>
<tr>
<td>Hauptmanns, K.</td>
<td>117</td>
</tr>
<tr>
<td>Hawari, H.</td>
<td>159</td>
</tr>
<tr>
<td>Hayashi, K.</td>
<td>70, 115, 153</td>
</tr>
<tr>
<td>Haybaeck, J.</td>
<td>124, 170</td>
</tr>
<tr>
<td>Hayee, A.</td>
<td>90</td>
</tr>
<tr>
<td>Hayit, B.</td>
<td>107</td>
</tr>
<tr>
<td>He, C.</td>
<td>106</td>
</tr>
<tr>
<td>Hedge, P.</td>
<td>66</td>
</tr>
<tr>
<td>Hegyi, K.</td>
<td>105</td>
</tr>
<tr>
<td>Heidenreich, A.</td>
<td>133</td>
</tr>
<tr>
<td>Heidinger, M.</td>
<td>110</td>
</tr>
<tr>
<td>Heijkants, R. C.</td>
<td>45</td>
</tr>
<tr>
<td>Heikkilä, P.</td>
<td>34</td>
</tr>
<tr>
<td>Heidinger, M.</td>
<td>110</td>
</tr>
<tr>
<td>Heijvkens, P.</td>
<td>85</td>
</tr>
<tr>
<td>Heinemann, A.</td>
<td>131, 169</td>
</tr>
<tr>
<td>Heinze, D.</td>
<td>53</td>
</tr>
<tr>
<td>Heinzl, A.</td>
<td>54</td>
</tr>
<tr>
<td>Heitzer, E.</td>
<td>50</td>
</tr>
<tr>
<td>Heikinheimo, K.</td>
<td>92</td>
</tr>
<tr>
<td>Helbért-Davidson, S.</td>
<td>91</td>
</tr>
<tr>
<td>Helgeland, L.</td>
<td>109</td>
</tr>
<tr>
<td>Heller, D.</td>
<td>103</td>
</tr>
<tr>
<td>Helliewell, T.</td>
<td>45, 105</td>
</tr>
<tr>
<td>Helvač, O.</td>
<td>170</td>
</tr>
<tr>
<td>Hemida, R.</td>
<td>104</td>
</tr>
<tr>
<td>Hemminger, J.</td>
<td>45</td>
</tr>
<tr>
<td>Henrique, R.</td>
<td>31, 107, 133, 143</td>
</tr>
<tr>
<td>Henrique de Gouveia, R.</td>
<td>55, 90, 125, 130</td>
</tr>
<tr>
<td>Henriques, V.</td>
<td>125, 140, 177</td>
</tr>
<tr>
<td>Henry, K.</td>
<td>46</td>
</tr>
<tr>
<td>Hentrich, M.</td>
<td>191</td>
</tr>
<tr>
<td>Herculianni, A.</td>
<td>48, 139</td>
</tr>
<tr>
<td>Herker, H.</td>
<td>96</td>
</tr>
<tr>
<td>Herlea, V.</td>
<td>144</td>
</tr>
<tr>
<td>Herman, D.</td>
<td>139, 143</td>
</tr>
<tr>
<td>Hermanova, M.</td>
<td>138</td>
</tr>
<tr>
<td>Hernandez, L.</td>
<td>155</td>
</tr>
<tr>
<td>Hernandez, L.</td>
<td>130</td>
</tr>
<tr>
<td>Hernandez, M.</td>
<td>155</td>
</tr>
<tr>
<td>Hernandez, R.</td>
<td>130</td>
</tr>
<tr>
<td>Hernandez, S.</td>
<td>130</td>
</tr>
<tr>
<td>Hernandez-Barajas, D.</td>
<td>127</td>
</tr>
<tr>
<td>Hernández Gallego, A.</td>
<td>143, 170</td>
</tr>
<tr>
<td>Hernández León, L.</td>
<td>138</td>
</tr>
<tr>
<td>Hernández Walteros, D. M.</td>
<td>129</td>
</tr>
<tr>
<td>Herno, B. S.</td>
<td>38</td>
</tr>
<tr>
<td>Herrera, G.</td>
<td>41</td>
</tr>
<tr>
<td>Herrera Segura, M.</td>
<td>49</td>
</tr>
<tr>
<td>Herrnston, S.</td>
<td>39</td>
</tr>
<tr>
<td>Hertz, J. M.</td>
<td>114</td>
</tr>
<tr>
<td>Hes, O.</td>
<td>47</td>
</tr>
<tr>
<td>Heshmati, M.</td>
<td>153</td>
</tr>
<tr>
<td>Hespahol, V.</td>
<td>68</td>
</tr>
<tr>
<td>Hetland, L. E.</td>
<td>114</td>
</tr>
<tr>
<td>Heuman, A.</td>
<td>145</td>
</tr>
<tr>
<td>Heydt, C.</td>
<td>74, 75, 108</td>
</tr>
<tr>
<td>Hicks, J.</td>
<td>41, 51</td>
</tr>
<tr>
<td>Hindar, S.</td>
<td>103</td>
</tr>
<tr>
<td>Hinic, N.</td>
<td>126</td>
</tr>
<tr>
<td>Hinsch, N.</td>
<td>69</td>
</tr>
<tr>
<td>Hirabayashi, K.</td>
<td>94, 95, 168</td>
</tr>
<tr>
<td>Hirose, T.</td>
<td>52</td>
</tr>
<tr>
<td>Hirokawa, K.</td>
<td>97</td>
</tr>
<tr>
<td>Hirschowitz, L.</td>
<td>103</td>
</tr>
<tr>
<td>Hirvonen, K.</td>
<td>105</td>
</tr>
<tr>
<td>Ho, B. C.-Shern</td>
<td>126</td>
</tr>
<tr>
<td>Ho, C.-Y.</td>
<td>49</td>
</tr>
<tr>
<td>Ho, V.</td>
<td>57</td>
</tr>
<tr>
<td>Hoefler, G.</td>
<td>63, 64, 68, 75, 131, 135, 169</td>
</tr>
<tr>
<td>Hoekstra, H.</td>
<td>57</td>
</tr>
<tr>
<td>Hofman, P.</td>
<td>34, 37, 57, 59, 66, 68, 70, 169</td>
</tr>
<tr>
<td>Hofman, V.</td>
<td>66, 68, 169</td>
</tr>
<tr>
<td>Höftberger, R.</td>
<td>57</td>
</tr>
<tr>
<td>Hogendoorn, P.</td>
<td>52, 63, 71, 136, 139</td>
</tr>
<tr>
<td>Hogenroth, R.</td>
<td>31</td>
</tr>
<tr>
<td>Holden, S.</td>
<td>56</td>
</tr>
<tr>
<td>Holladay, B.</td>
<td>167</td>
</tr>
<tr>
<td>Holleczek, B.</td>
<td>66</td>
</tr>
<tr>
<td>Holmes, B.</td>
<td>86</td>
</tr>
<tr>
<td>Hölscher, A.</td>
<td>155</td>
</tr>
<tr>
<td>Holten-Rossing, H.</td>
<td>78</td>
</tr>
<tr>
<td>Holzer, K.</td>
<td>69</td>
</tr>
<tr>
<td>Honavar, M.</td>
<td>143, 168</td>
</tr>
<tr>
<td>Hong, M.-E.</td>
<td>120</td>
</tr>
<tr>
<td>Hong, S.-D.</td>
<td>106</td>
</tr>
<tr>
<td>Hong, S.-R.</td>
<td>102</td>
</tr>
<tr>
<td>Hong, S.-W.</td>
<td>33</td>
</tr>
<tr>
<td>Honma, N.</td>
<td>98</td>
</tr>
<tr>
<td>Hönigschmid, P.</td>
<td>31</td>
</tr>
<tr>
<td>Honsova, E.</td>
<td>33</td>
</tr>
<tr>
<td>Hopfer, H.</td>
<td>29</td>
</tr>
<tr>
<td>Horii, R.</td>
<td>83</td>
</tr>
<tr>
<td>Hörndler, C.</td>
<td>57</td>
</tr>
<tr>
<td>Horta, A.</td>
<td>103, 137</td>
</tr>
<tr>
<td>Hovance, A.</td>
<td>130</td>
</tr>
<tr>
<td>Hou, M.</td>
<td>169</td>
</tr>
<tr>
<td>Houcine, Y.</td>
<td>141, 142, 150, 151, 166, 172</td>
</tr>
<tr>
<td>Houlihan, D.</td>
<td>95</td>
</tr>
<tr>
<td>Housrateau, M.</td>
<td>155</td>
</tr>
<tr>
<td>Hou, R.</td>
<td>97</td>
</tr>
<tr>
<td>Hua-Lin, K.</td>
<td>135</td>
</tr>
<tr>
<td>Huang, J.-L.</td>
<td>118</td>
</tr>
<tr>
<td>Hube-Magg, C.</td>
<td>145</td>
</tr>
<tr>
<td>Hubler, M.</td>
<td>69</td>
</tr>
<tr>
<td>Hufnagel, P.</td>
<td>70</td>
</tr>
<tr>
<td>Hulmeida, A.</td>
<td>105</td>
</tr>
<tr>
<td>Huss, S.</td>
<td>134</td>
</tr>
<tr>
<td>Hussain, F.</td>
<td>160</td>
</tr>
<tr>
<td>Hussain, M.</td>
<td>68, 90, 132</td>
</tr>
<tr>
<td>Huthachuda, P.</td>
<td>70, 71, 150</td>
</tr>
<tr>
<td>Hutayan, A.</td>
<td>127</td>
</tr>
<tr>
<td>Hwang, D.-W.</td>
<td>95</td>
</tr>
<tr>
<td>Hwang, H.-W.</td>
<td>86</td>
</tr>
<tr>
<td>Hwang, J.-H.</td>
<td>95</td>
</tr>
<tr>
<td>Hybiak, J.</td>
<td>83</td>
</tr>
<tr>
<td>Hyland, F.</td>
<td>68</td>
</tr>
<tr>
<td>Hyrcza, M.</td>
<td>49, 106</td>
</tr>
<tr>
<td>Hytiroligou, P.</td>
<td>30</td>
</tr>
<tr>
<td>Iacob, A.-S.</td>
<td>144, 151</td>
</tr>
<tr>
<td>Iacob, M.</td>
<td>87, 143, 179</td>
</tr>
<tr>
<td>Iacob, R.</td>
<td>117</td>
</tr>
<tr>
<td>Iacob, S. A.</td>
<td>176</td>
</tr>
<tr>
<td>Ibarrola de Andrés, C.</td>
<td>158</td>
</tr>
<tr>
<td>Ibisevic, N.</td>
<td>86, 145, 162</td>
</tr>
<tr>
<td>Ibisson, F.</td>
<td>122</td>
</tr>
<tr>
<td>Ibrahim, I.</td>
<td>84</td>
</tr>
<tr>
<td>Ibrahim, O.</td>
<td>92</td>
</tr>
<tr>
<td>Ibrahim, Y.</td>
<td>84, 176</td>
</tr>
<tr>
<td>Ichihara, S.</td>
<td>82, 85</td>
</tr>
<tr>
<td>Igaz, P.</td>
<td>93</td>
</tr>
<tr>
<td>Igde, B.</td>
<td>122, 172</td>
</tr>
<tr>
<td>Ihle, M.</td>
<td>74, 132</td>
</tr>
<tr>
<td>Ihrler, S.</td>
<td>37</td>
</tr>
<tr>
<td>Ihvan, A. N.</td>
<td>103, 137</td>
</tr>
<tr>
<td>Iliev, S.</td>
<td>156</td>
</tr>
<tr>
<td>Author</td>
<td>Page Numbers</td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Ilievski, B.</td>
<td>157, 172</td>
</tr>
<tr>
<td>Iliyasu, Y.</td>
<td>64, 139</td>
</tr>
<tr>
<td>Ilyés, Á.</td>
<td>118</td>
</tr>
<tr>
<td>Imada, H.</td>
<td>177</td>
</tr>
<tr>
<td>Imaiuzumi, M.</td>
<td>98</td>
</tr>
<tr>
<td>Imamura, K.</td>
<td>70</td>
</tr>
<tr>
<td>Imanbayeva, G.</td>
<td>175</td>
</tr>
<tr>
<td>Imaizumi, M.</td>
<td>98</td>
</tr>
<tr>
<td>Jain, A.</td>
<td>82, 138, 150, 159</td>
</tr>
<tr>
<td>Jain, D.</td>
<td>189</td>
</tr>
<tr>
<td>Jain, H.</td>
<td>62</td>
</tr>
<tr>
<td>Jain, V.</td>
<td>138</td>
</tr>
<tr>
<td>Jakalski, M.</td>
<td>136</td>
</tr>
<tr>
<td>Jakovic, O.</td>
<td>158</td>
</tr>
<tr>
<td>Jakubic, I.</td>
<td>62</td>
</tr>
<tr>
<td>Jalali Nadoshan, M.</td>
<td>153</td>
</tr>
<tr>
<td>Jamal, M.</td>
<td>123</td>
</tr>
<tr>
<td>Jambhekar, N.</td>
<td>68, 112, 137</td>
</tr>
<tr>
<td>Jancic, S.</td>
<td>121</td>
</tr>
<tr>
<td>Janeva, S.</td>
<td>178</td>
</tr>
<tr>
<td>Jang, J.-J.</td>
<td>84</td>
</tr>
<tr>
<td>Jang, S.-J.</td>
<td>120</td>
</tr>
<tr>
<td>Jangavadze, M.</td>
<td>126, 176</td>
</tr>
<tr>
<td>Jankovic, Velickovic, L.</td>
<td>48</td>
</tr>
<tr>
<td>Jansen, A.</td>
<td>50</td>
</tr>
<tr>
<td>Jansen, P.</td>
<td>57</td>
</tr>
<tr>
<td>Jargin, U.</td>
<td>109, 110</td>
</tr>
<tr>
<td>Jarau, P.</td>
<td>108</td>
</tr>
<tr>
<td>Jarupoonphol, W.</td>
<td>105</td>
</tr>
<tr>
<td>Jasar, D.</td>
<td>106</td>
</tr>
<tr>
<td>Jayasinghe, C.</td>
<td>59, 128</td>
</tr>
<tr>
<td>Jeffer, M.</td>
<td>173</td>
</tr>
<tr>
<td>Jeffer, P.</td>
<td>121</td>
</tr>
<tr>
<td>Jensen, P. B.</td>
<td>127</td>
</tr>
<tr>
<td>Jeong, H.-J.</td>
<td>170</td>
</tr>
<tr>
<td>Jeong, H. S.</td>
<td>170</td>
</tr>
<tr>
<td>Jeong, J.-Y.</td>
<td>154, 160</td>
</tr>
<tr>
<td>Jeong, Y. J.</td>
<td>83</td>
</tr>
<tr>
<td>Jeronimo, C.</td>
<td>31, 101, 133</td>
</tr>
<tr>
<td>Jeung, J.-W.</td>
<td>97</td>
</tr>
<tr>
<td>Jiajing, L.</td>
<td>70</td>
</tr>
<tr>
<td>Jibrin, P.</td>
<td>157</td>
</tr>
<tr>
<td>Jimenez Heffernan, J.</td>
<td>100, 124</td>
</tr>
<tr>
<td>Jimenez, I.</td>
<td>130</td>
</tr>
<tr>
<td>Jimoh, A.</td>
<td>85</td>
</tr>
<tr>
<td>Jin, S.-Y.</td>
<td>96</td>
</tr>
<tr>
<td>Jin, Y.</td>
<td>106</td>
</tr>
<tr>
<td>Jitairiu, A. A.</td>
<td>92</td>
</tr>
<tr>
<td>Jochemsen, A. G.</td>
<td>45</td>
</tr>
<tr>
<td>Johansson, M.</td>
<td>38</td>
</tr>
<tr>
<td>Johansson, L.</td>
<td>133</td>
</tr>
<tr>
<td>Johnstone, E.</td>
<td>117</td>
</tr>
<tr>
<td>Joloba, M.</td>
<td>97</td>
</tr>
<tr>
<td>Joly, F.</td>
<td>34</td>
</tr>
<tr>
<td>Jones, F.</td>
<td>95</td>
</tr>
<tr>
<td>Jones, R. T.</td>
<td>86</td>
</tr>
<tr>
<td>Jordal, H.</td>
<td>55</td>
</tr>
<tr>
<td>Jorgetti, V.</td>
<td>138</td>
</tr>
<tr>
<td>Joshi, A.</td>
<td>68</td>
</tr>
<tr>
<td>Jota, G.</td>
<td>157</td>
</tr>
<tr>
<td>Joudah, E.</td>
<td>168</td>
</tr>
<tr>
<td>Jouini, R.</td>
<td>124, 154, 158</td>
</tr>
<tr>
<td>Joung, J.-W.</td>
<td>110</td>
</tr>
<tr>
<td>Jovanic, I.</td>
<td>82</td>
</tr>
<tr>
<td>Jovanovic, L.</td>
<td>38, 116</td>
</tr>
<tr>
<td>Jovanovic, M.</td>
<td>178</td>
</tr>
<tr>
<td>Jouy, I.</td>
<td>117</td>
</tr>
<tr>
<td>Juaneda-Magdalena</td>
<td>142</td>
</tr>
<tr>
<td>Jukna, A.</td>
<td>109</td>
</tr>
<tr>
<td>Julhakyan, U.</td>
<td>62</td>
</tr>
<tr>
<td>Jukovic Bihorac, F.</td>
<td>112, 165</td>
</tr>
<tr>
<td>Juliano, M. J.</td>
<td>173</td>
</tr>
<tr>
<td>Jung, A.</td>
<td>59</td>
</tr>
<tr>
<td>Jung, H.</td>
<td>149</td>
</tr>
<tr>
<td>Jung, H.-S.</td>
<td>125</td>
</tr>
<tr>
<td>Jung, J.</td>
<td>149</td>
</tr>
<tr>
<td>Jung, J. W.</td>
<td>83</td>
</tr>
<tr>
<td>Jung, M.-J.</td>
<td>83</td>
</tr>
<tr>
<td>Jung, W.-W.</td>
<td>137</td>
</tr>
<tr>
<td>Jurisic, A.</td>
<td>120, 122</td>
</tr>
<tr>
<td>K</td>
<td></td>
</tr>
<tr>
<td>Kaban Gok, A. F.</td>
<td>123</td>
</tr>
<tr>
<td>Kabbage, M.</td>
<td>123</td>
</tr>
<tr>
<td>Kabukcuoglu, F.</td>
<td>102, 168</td>
</tr>
<tr>
<td>Kacem, D.</td>
<td>90, 102</td>
</tr>
<tr>
<td>Kacem, M.</td>
<td>71, 152</td>
</tr>
<tr>
<td>Kaci, N.</td>
<td>115</td>
</tr>
<tr>
<td>Kacik, T.</td>
<td>100</td>
</tr>
<tr>
<td>Kada, A.</td>
<td>82</td>
</tr>
<tr>
<td>Kadota, K.</td>
<td>29</td>
</tr>
<tr>
<td>Kahraman, Z. S.</td>
<td>158</td>
</tr>
<tr>
<td>Kaifa, G.</td>
<td>153</td>
</tr>
<tr>
<td>Kaiser, L.</td>
<td>98</td>
</tr>
<tr>
<td>Kajo, K.</td>
<td>85</td>
</tr>
<tr>
<td>Kakar, S.</td>
<td>124</td>
</tr>
<tr>
<td>Kakuopoulos, G.</td>
<td>107, 115, 165, 172, 178</td>
</tr>
<tr>
<td>Kakizaki, M.</td>
<td>123</td>
</tr>
<tr>
<td>Kaklanamis, L.</td>
<td>29</td>
</tr>
<tr>
<td>Kakultsirki, L.</td>
<td>120</td>
</tr>
<tr>
<td>Kalkanturk, L.</td>
<td>66, 85, 148</td>
</tr>
<tr>
<td>Kakudo, K.</td>
<td>29</td>
</tr>
<tr>
<td>Kalantar, E.</td>
<td>142</td>
</tr>
<tr>
<td>Kalashnikova, O.</td>
<td>154</td>
</tr>
<tr>
<td>Kaldarov, A.</td>
<td>153</td>
</tr>
<tr>
<td>Kalkan, C.</td>
<td>120</td>
</tr>
<tr>
<td>Kaleb, A.</td>
<td>93, 97</td>
</tr>
<tr>
<td>Kalender Atak, Z.</td>
<td>114</td>
</tr>
<tr>
<td>Kalengayi, R.</td>
<td>142</td>
</tr>
<tr>
<td>Kalfusova, A.</td>
<td>31</td>
</tr>
<tr>
<td>Kail, R. K.</td>
<td>137</td>
</tr>
<tr>
<td>Kalimuthu, S.</td>
<td>134, 156</td>
</tr>
<tr>
<td>Kalinganire, N.</td>
<td>121</td>
</tr>
<tr>
<td>Kalinin, D.</td>
<td>153</td>
</tr>
<tr>
<td>Kalinin, R.</td>
<td>124</td>
</tr>
<tr>
<td>Kaliyeva, D.</td>
<td>93, 173</td>
</tr>
<tr>
<td>Kalkan, C.</td>
<td>120</td>
</tr>
<tr>
<td>Kallei, R.</td>
<td>82, 86, 91, 105, 107, 116, 136, 141, 164</td>
</tr>
<tr>
<td>Kamel, B.</td>
<td>144</td>
</tr>
<tr>
<td>Kamel, M.</td>
<td>144</td>
</tr>
<tr>
<td>Kamy, S.</td>
<td>84</td>
</tr>
<tr>
<td>Kammler, R.</td>
<td>110</td>
</tr>
<tr>
<td>Kamphuis-van Ulzen, K.</td>
<td>49</td>
</tr>
<tr>
<td>Kammann, E.</td>
<td>57</td>
</tr>
<tr>
<td>Kan, A.</td>
<td>127</td>
</tr>
<tr>
<td>Kanaan, C.</td>
<td>94</td>
</tr>
<tr>
<td>Kandil, W.</td>
<td>104</td>
</tr>
<tr>
<td>Kane, S.</td>
<td>92</td>
</tr>
</tbody>
</table>
Kanjuh, V.  
149

Kankava, K.  
53

Kankaya, D.  
96, 103

Kant, S.  
174

Kap, M.  
132

Kapeni, E.  
169

Kaplan, N.  
85

Kapoor, A.  
142

Kapoukranidou, D.  
57

Kapran, Y.  
36

Kaptaner, S.  
108

Karabagli, H.  
138

Karabagli, P.  
138, 179

Karabag, S.  
128, 137, 178

Karabulut, A.  
140

Karabulut, M. H.  
180

Karacetin, D.  
86

Karadjov, Z.  
157

Karaivanopoulou, G.  
126

Kargakouns, G.  
124

Karayok, E.  
54

Karaman, H.  
155

Karambojas, C.  
115, 141, 165, 172, 178

Karczub, J.  
112

Karev, Y.  
154

Karimkhan, A.  
122, 170

Karimundackal, G.  
68, 112

Karkour, M.  
111, 161, 175, 179

Karnaukhov, N.  
120

Karonidis, A.  
115

Karpathiou, G.  
110

Karpińska-Kaczmarczyk, K.  
123

Karseladze, D.  
84

Karunaratne, M.  
122, 134, 158

Kasat, A.  
116

Kashid, G.  
148

Kheira, B.-B.  
144

Kellal, L.  
123

Khalil, W.  
104

Khela, M.  
102

Khalil, M. A.  
176

Khendi, T.  
104

Khamr, M.  
104

Khabo, A.  
66

Khor, A.  
66

Khor, M.  
102

Khor, M.  
102

Khoro, A.  
66

Khor, M.  
102

Khunamornpong, S.  
32, 160

Khurana, N.  
124, 128

Khurram, N.  
99

Khumra, S.  
107

Khushman, M.  
95

Khwatov, A.  
154

Kicor, T.  
121

Kikora, T.  
123

Kikore, T.  
123

Kikou, T.  
123

Kim, B.-C.  
120

Kim, C.  
68

Kim, D.  
145

Kim, D.-C.  
83

Kim, E.-K.  
160

Kim, G.-H.  
100

Kim, H.-J.  
95, 161

Kim, H.-K.  
118

Kim, H.-M.  
85

Kim, H.-S.  
102, 117, 137, 160

Kim, H.-W.  
117

Kim, H.-Y.  
95

Kim, J.-A.  
141

Kim, J.-H.  
95, 100, 176

Kim, J.-W.  
95, 120

Kim, K.-H.  
117

Kim, K.-M.  
94

Kim, M.-A.  
161

Kim, M.-S.  
170

Kim, S.  
83

Kim, S.-C.  
95

Kim, S.-H.  
83, 161

Kim, S.-I.  
170

Kim, S.-S.  
141

Kim, S.-W.  
95

Kim, S.-Y.  
95

Kim, T.  
121

Kim, W.-H.  
155

Kim, Y.-I.  
136

Kim, Y.-O.  
83

Kim, Y.-S.  
170

Kim, Y.-W.  
137

Kim, U.  
122, 170

Kinosita, M.  
98

Kintisler, S.  
68

Kiriwenedeniya, U.  
167

Kirmizi, A.  
119, 120, 121

Kirsch, G.  
119

Kirsch, G.  
119

Kirsakmens, G.  
92, 129

Kirsch, R.  
124

Kirvalidze, I.  
126

Kirvalidze, I. A.  
176

Kis, L.  
174

Kisleva, E.  
140

Kismali, E.  
144

Kismali, E.  
144

Kiss, A.  
96, 112, 123

Kiss, E.  
34, 97

Kiss, K.  
62

Kisler, G.  
55

Kitaoka, H.  
89

Kiramuda, S.  
97

Kirikson, S.  
120

Kisleva, E.  
140

Kiyokawa, T.  
32

Kim, A.-M.  
94

Kim, B.-C.  
120

Kim, C.  
68

Kim, D.  
145

Kim, D.-C.  
83

Kim, E.-K.  
160

Kim, G.-H.  
100

Kim, H.-J.  
95, 161

Kim, H.-K.  
118

Kim, H.-M.  
85

Kim, H.-S.  
102, 117, 137, 160

Kim, H.-W.  
117

Kim, H.-Y.  
95

Kim, J.-A.  
141

Kim, J.-H.  
95, 100, 176

Kim, J.-W.  
95, 120

Kim, K.-H.  
117

Kim, K.-M.  
94

Kim, M.-A.  
161

Kim, M.-S.  
170

Kim, S.  
83

Kim, S.-C.  
95

Kim, S.-H.  
83, 161

Kim, S.-I.  
170

Kino, S.-S.  
141

Kim, S.-W.  
95

Kim, S.-Y.  
95

Kim, T.  
121

Kim, W.-H.  
155

Kim, Y.-I.  
136

Kim, Y.-O.  
83

Kim, Y.-S.  
170

Kim, Y.-W.  
137

Kim, U.  
122, 170

Kim, U.  
122, 170

Kinosita, M.  
98

Kintisler, S.  
68

Kiriwenendeniya, U.  
167

Kirmizi, A.  
119, 120, 121

Kirsakmens, G.  
92, 129

Kirsch, R.  
124

Kirvalidze, I.  
126

Kirvalidze, I. A.  
176

Kis, L.  
174

Kisleva, E.  
140

Kismali, E.  
144

Kiss, A.  
96, 112, 123

Kiss, E.  
34, 97

Kiss, K.  
62

Kisler, G.  
55

Kitaoka, H.  
89

Kiramuda, S.  
97

Kirikson, S.  
120

Kisleva, E.  
140

Kiyokawa, T.  
32

Klapper, W.  
42

Klauschen, F.  
68, 72, 138

Klein, W.  
49, 54

Kleina, R.  
104, 129

Kleint, R.  
170

Klepeis, V.  
131
<table>
<thead>
<tr>
<th>Author</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kleshchov, M. A.</td>
<td>119</td>
</tr>
<tr>
<td>Klimstra, D.</td>
<td>36, 67</td>
</tr>
<tr>
<td>Klingebiel, T.</td>
<td>137</td>
</tr>
<tr>
<td>Klíng, T. A.</td>
<td>85</td>
</tr>
<tr>
<td>Klöppel, G.</td>
<td>29, 58, 67</td>
</tr>
<tr>
<td>Kluth, M.</td>
<td>145</td>
</tr>
<tr>
<td>Knira, Z.</td>
<td>105</td>
</tr>
<tr>
<td>Knezic-Usaj, S.</td>
<td>87</td>
</tr>
<tr>
<td>Knoesel, T.</td>
<td>57</td>
</tr>
<tr>
<td>Knüchel-Claude, R.</td>
<td>130, 154</td>
</tr>
<tr>
<td>Knüchel, R.</td>
<td>85, 163, 177</td>
</tr>
<tr>
<td>Knüchel, R.</td>
<td>180</td>
</tr>
<tr>
<td>Ko, A.</td>
<td>50</td>
</tr>
<tr>
<td>Kobayashi, T.</td>
<td>173</td>
</tr>
<tr>
<td>Kobos, J.</td>
<td>44, 129, 173</td>
</tr>
<tr>
<td>Koca, Y.</td>
<td>129, 179</td>
</tr>
<tr>
<td>Kocabas, O. Y.</td>
<td>143</td>
</tr>
<tr>
<td>Kocak, G.</td>
<td>98</td>
</tr>
<tr>
<td>Kočak, Ü.</td>
<td>95</td>
</tr>
<tr>
<td>Kocaturk, I. C.</td>
<td>110</td>
</tr>
<tr>
<td>Koch, L.</td>
<td>131, 169</td>
</tr>
<tr>
<td>Koch, M. J.</td>
<td>167</td>
</tr>
<tr>
<td>Koch, W.</td>
<td>135</td>
</tr>
<tr>
<td>Kochnar, R.</td>
<td>31</td>
</tr>
<tr>
<td>Kochmár, E.</td>
<td>111, 112, 123</td>
</tr>
<tr>
<td>Kok, S.</td>
<td>82, 164, 177</td>
</tr>
<tr>
<td>Kočak, G.</td>
<td>98</td>
</tr>
<tr>
<td>Kocak, Ü.</td>
<td>95</td>
</tr>
<tr>
<td>Koch, M.</td>
<td>137</td>
</tr>
<tr>
<td>Koch, W.</td>
<td>135</td>
</tr>
<tr>
<td>Kochmar, I.</td>
<td>112</td>
</tr>
<tr>
<td>Kocskér, V. H.</td>
<td>31</td>
</tr>
<tr>
<td>Köfler, K.</td>
<td>87</td>
</tr>
<tr>
<td>Kogan, E.</td>
<td>38, 100, 101, 109, 131, 140</td>
</tr>
<tr>
<td>Koh, H.-J.</td>
<td>109</td>
</tr>
<tr>
<td>Koishibayev, Z.</td>
<td>173</td>
</tr>
<tr>
<td>Kojima, M.</td>
<td>91</td>
</tr>
<tr>
<td>Koizumi, Y.</td>
<td>173</td>
</tr>
<tr>
<td>Kolinek, P.</td>
<td>154, 163, 177</td>
</tr>
<tr>
<td>Kolac, Z.</td>
<td>133</td>
</tr>
<tr>
<td>Kolás, Z.</td>
<td>83</td>
</tr>
<tr>
<td>Kolatsas, N.</td>
<td>177</td>
</tr>
<tr>
<td>Kolatsa, T.</td>
<td>163, 177</td>
</tr>
<tr>
<td>Koljencic, S.</td>
<td>136</td>
</tr>
<tr>
<td>Kolobov, A.</td>
<td>154, 173</td>
</tr>
<tr>
<td>Kolobova, O.</td>
<td>154</td>
</tr>
<tr>
<td>Kolomak, L.</td>
<td>92, 93</td>
</tr>
<tr>
<td>Kölsche, C.</td>
<td>137</td>
</tr>
<tr>
<td>Komback, E.</td>
<td>83, 131, 151, 169</td>
</tr>
<tr>
<td>Komback, F. E.</td>
<td>115, 123</td>
</tr>
<tr>
<td>Kommeto, V.</td>
<td>83, 84</td>
</tr>
<tr>
<td>Komina, S.</td>
<td>157</td>
</tr>
<tr>
<td>Komleva, R.</td>
<td>155, 159</td>
</tr>
<tr>
<td>Komnich, P.</td>
<td>61</td>
</tr>
<tr>
<td>Komnich, P.</td>
<td>50</td>
</tr>
<tr>
<td>Komut, N.</td>
<td>151, 163</td>
</tr>
<tr>
<td>Kondo, F.</td>
<td>98</td>
</tr>
<tr>
<td>Koniaris, E.</td>
<td>163, 177</td>
</tr>
<tr>
<td>Konishi, E.</td>
<td>156</td>
</tr>
<tr>
<td>Konstanov, P.</td>
<td>90</td>
</tr>
<tr>
<td>Konstantinova, A.</td>
<td>115</td>
</tr>
<tr>
<td>Konstantinoupolou, P.</td>
<td>115</td>
</tr>
<tr>
<td>Kontogeorgatos, G.</td>
<td>44</td>
</tr>
<tr>
<td>Konyshev, K.</td>
<td>87</td>
</tr>
<tr>
<td>Koo, J.-S.</td>
<td>85</td>
</tr>
<tr>
<td>Koole, K.</td>
<td>61, 132</td>
</tr>
<tr>
<td>Koop, C.</td>
<td>145</td>
</tr>
<tr>
<td>Koopmans, A.</td>
<td>44</td>
</tr>
<tr>
<td>Koopmanschap, D.</td>
<td>49</td>
</tr>
<tr>
<td>Kooper, L.</td>
<td>136</td>
</tr>
<tr>
<td>Koppert, L. B.</td>
<td>132</td>
</tr>
<tr>
<td>Koritas, S.</td>
<td>171</td>
</tr>
<tr>
<td>Kornish, N.</td>
<td>137</td>
</tr>
<tr>
<td>Kopral, P.</td>
<td>179</td>
</tr>
<tr>
<td>Korsakova, N.</td>
<td>174</td>
</tr>
<tr>
<td>Korsch, E.</td>
<td>65, 136</td>
</tr>
<tr>
<td>Kozhova, S.</td>
<td>62</td>
</tr>
<tr>
<td>Kos, M.</td>
<td>58</td>
</tr>
<tr>
<td>Kosmehmetoglu, K.</td>
<td>86, 137, 158</td>
</tr>
<tr>
<td>Kose, P.</td>
<td>84, 116, 171</td>
</tr>
<tr>
<td>Koulida, K.</td>
<td>92</td>
</tr>
<tr>
<td>Kovacevic, M.</td>
<td>109, 110</td>
</tr>
<tr>
<td>Kovago, C.</td>
<td>34, 97</td>
</tr>
<tr>
<td>Kovar, H.</td>
<td>63</td>
</tr>
<tr>
<td>Kovári, B. P.</td>
<td>83, 160, 171</td>
</tr>
<tr>
<td>Kovrigina, A.</td>
<td>62</td>
</tr>
<tr>
<td>Kowalik, A.</td>
<td>66</td>
</tr>
<tr>
<td>Koyluoglu, G.</td>
<td>122</td>
</tr>
<tr>
<td>Kozakowski, N.</td>
<td>96</td>
</tr>
<tr>
<td>Kramer, H.</td>
<td>123</td>
</tr>
<tr>
<td>Krauss, T.</td>
<td>35</td>
</tr>
<tr>
<td>Kreipe, H.</td>
<td>32, 35</td>
</tr>
<tr>
<td>Krenacs, L.</td>
<td>105</td>
</tr>
<tr>
<td>Krenacs, T.</td>
<td>34, 55, 97, 136</td>
</tr>
<tr>
<td>Krenacs, T.</td>
<td>34, 55, 97, 136</td>
</tr>
<tr>
<td>Kristiansen, A.</td>
<td>92</td>
</tr>
<tr>
<td>Kristiansen, G.</td>
<td>141</td>
</tr>
<tr>
<td>Kristiansen, A.</td>
<td>141</td>
</tr>
<tr>
<td>Kreigard, A. B.</td>
<td>114</td>
</tr>
<tr>
<td>Kriska, L.</td>
<td>96</td>
</tr>
<tr>
<td>Kristic, M.</td>
<td>48</td>
</tr>
<tr>
<td>Kružič, A.</td>
<td>139</td>
</tr>
<tr>
<td>Krüger, K.</td>
<td>53</td>
</tr>
<tr>
<td>Kruhoff, M.</td>
<td>132</td>
</tr>
<tr>
<td>Kruslin, B.</td>
<td>173</td>
</tr>
<tr>
<td>Kruts, T.</td>
<td>32, 35</td>
</tr>
<tr>
<td>Laabidi, B.</td>
<td>91, 110, 111, 116, 150, 151, 157, 164, 166, 171</td>
</tr>
<tr>
<td>Laassili, T.</td>
<td>169</td>
</tr>
<tr>
<td>Laboissiere, R. S.</td>
<td>116</td>
</tr>
<tr>
<td>Laco, J.</td>
<td>61</td>
</tr>
<tr>
<td>Lacroix-Triki, M.</td>
<td>53</td>
</tr>
<tr>
<td>Ladeinricha, A.</td>
<td>126, 169, 175</td>
</tr>
<tr>
<td>Lade-Keller, J.</td>
<td>70</td>
</tr>
<tr>
<td>Lafionis, S.</td>
<td>115</td>
</tr>
<tr>
<td>Lag, A.</td>
<td>108, 111</td>
</tr>
<tr>
<td>Laj, P.</td>
<td>83</td>
</tr>
<tr>
<td>Lahmar, A.</td>
<td>161, 168</td>
</tr>
<tr>
<td>Lahoudi, Y. S.</td>
<td>118</td>
</tr>
<tr>
<td>Laila, C.</td>
<td>156</td>
</tr>
<tr>
<td>Lakemeier, M.</td>
<td>70</td>
</tr>
<tr>
<td>Lahajri, M.</td>
<td>31</td>
</tr>
<tr>
<td>Lalosovici, D.</td>
<td>126</td>
</tr>
<tr>
<td>Lam, A.</td>
<td>48</td>
</tr>
<tr>
<td>Lam, E.</td>
<td>100</td>
</tr>
<tr>
<td>Lanimek, K.</td>
<td>85</td>
</tr>
<tr>
<td>Lambroopoulou, M.</td>
<td>177</td>
</tr>
<tr>
<td>Lammens, M.</td>
<td>60</td>
</tr>
<tr>
<td>Lamot, Y.</td>
<td>160</td>
</tr>
<tr>
<td>Lamswang Leen, S.</td>
<td>50</td>
</tr>
</tbody>
</table>
Ohbayashi, C. 82, 85
Ohishi, Y. 104
Ohta, Y. 85
Ohta-Ogo, K. 109
Okamura, S. 104
Ok Atiiglan, A. 157
O’Keeffe, A. 118
Okolo, C. 127
Okon, K. 141, 156
Oksuz, P. 152
Okubo, A. 114
Oладе, R. 106
Olaf, H. 157
Olano, J. P. 105, 166
Olafoe, O. 135
Oldfors, A. 60
O’Leary, J. 62
Oliva, E. 39, 42, 50, 101, 159
Olivar, K. 153
Oliveira, A. 57
Oliveira, C. 31, 99, 157, 159, 173
Oliveira, G. 139
Oliveira, G. L. P. 48
Oliveira, J. 133
Oliveira, P. 43
Oliveira, R. 112, 140
Oliveira, R. A. 66, 111, 175
Oliveira, T. 178
Oliveira, V. 137
Oliveira, C. 173
Oliveira Coelho, H. 88
Ollier, M. 91
Ologho, T. 124
Olurunda, R. 130
Olteanu, G.-E. 143
Olusanya, A. 127
Oluwasiole, O. 127
Omenai, S. 127
Omiyale, A. 155
Onakpoma, F. 127
Oncel, M. 123
Önder, S. 85
O’Neill, J. 161
Önem, I. 83
Onisor-Gilogor, F. 165
Ono, Y. 177
Onwubuya, M. 135
Onyuma, T. 172
Ooft, M. 61
Orah, N. 82, 130, 161, 167
Oral, O. 176
Oran, G. 123, 171
Ordiales, H. 126
Ordi, J. 35, 103
Oreby, R. 89
Orellana Fernandez, R. 99
Orhan, D. 41, 137
O’Reain, C. 161
Orfeidi, A. 36
Orlandi, C. 36
Orlov, A. 166
Ormanns, S. 58
Orszagh, V. 99
Ortega, E. 50
Ortega, R. 149
Ortega Ramírez, J. R. 167, 176
Ortego, J. 116
Ortiz, S. 89, 109, 163, 170
Ortiz Hidalgo, C. 43
Ortiz-Rey, J. A. 142, 144
Ortiz-Villalón, C. 100, 174
Ortnner, M. 120
Ortonne, N. 135
Osamara, R. 29, 42
Oschlies, I. 52
Osella, S. 53
Oshi, A. 142
Oshiro, Y. 104
Osman, E. 136
Ospona, N. 118
Osse, E. 50
Ostapenko, O. 168
Oster-Winberg, J. 97
Osunkoya, A. 51
Otero Rey, E. 114
Ott, G. 52, 62
Ouahiuoune, W. 160, 161
Ouakadli, A. 161
Ouki Bouzid, N. 118
Oukrif, D. 119
Ould Elbar, L. 162
Ouled Slimane, M. 104
Ouled Bar, H. 149, 174
Oum Sack, E. 122, 134
Overbeek, L. 157
Owen, D. 110
Owoyele, M. 135
Ox, Z. 126
Ozagari, A. A. 102, 168
Ozakinci, H. 103
Ozaslan, M. 116
Ozaydin, S. 177
Ozbudak, I. H. 112
Ozbudak, O. 112
Ozdil, K. 158
Ozkun, G. 100, 108, 157
Ozkan, K. 158
Ozkul, S. 108
Ozeki, A. 170
Ozekincii, S. 99
Ozen, E. 35
Özer, E. 141
Özer Yucel, O. 106, 107
Özger, H. 138
Özgül, Z. 100
Özgın, G. 108
Özkul, S. 85
Ozlem Ilbey, Y. 178
Ozlu, Y. 92, 96
Özlü, Y. 133
Ozogul, E. 138, 140
Oz Puyan, F. 152, 178
<table>
<thead>
<tr>
<th>Index of Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P</strong></td>
</tr>
<tr>
<td>Pacini, D.</td>
</tr>
<tr>
<td>Paek, A. S.</td>
</tr>
<tr>
<td>Pahomea, I.</td>
</tr>
<tr>
<td>Pai, T.</td>
</tr>
<tr>
<td>Paiva, C. D.</td>
</tr>
<tr>
<td>Pak, A.</td>
</tr>
<tr>
<td>Paklina, O.</td>
</tr>
<tr>
<td>Paksoy, Y.</td>
</tr>
<tr>
<td>Paku, S.</td>
</tr>
<tr>
<td>Pal, E. E.</td>
</tr>
<tr>
<td>Paladino, J.</td>
</tr>
<tr>
<td>Palasse, J.</td>
</tr>
<tr>
<td>Paleonikitis, P.</td>
</tr>
<tr>
<td>Pallavi, R.</td>
</tr>
<tr>
<td>Paloms, S.</td>
</tr>
<tr>
<td>Paltuev, R.</td>
</tr>
<tr>
<td>Panagidis, A.</td>
</tr>
<tr>
<td>Panajkovic, M.</td>
</tr>
<tr>
<td>Pandeirada, R.</td>
</tr>
<tr>
<td>Paner, G.</td>
</tr>
<tr>
<td>Paneth, P.</td>
</tr>
<tr>
<td>Pangonyte, D.</td>
</tr>
<tr>
<td>Paniello, I.</td>
</tr>
<tr>
<td>Panis, Y.</td>
</tr>
<tr>
<td>Panjkovic, M.</td>
</tr>
<tr>
<td>Pannain, V.</td>
</tr>
<tr>
<td>Panselinas, G.</td>
</tr>
<tr>
<td>Pant, A. D.</td>
</tr>
<tr>
<td>Pantarotto, M.</td>
</tr>
<tr>
<td>Pantel, K.</td>
</tr>
<tr>
<td>Pantelaion, V.</td>
</tr>
<tr>
<td>Pap, Z.</td>
</tr>
<tr>
<td>Papacostantinou, N.</td>
</tr>
<tr>
<td>Papadaki, H.</td>
</tr>
<tr>
<td>Papadopoulos, G.</td>
</tr>
<tr>
<td>Papadopoulos, N.</td>
</tr>
<tr>
<td>Papaggi, N.</td>
</tr>
<tr>
<td>Papiaionnou, E.</td>
</tr>
<tr>
<td>Papiaionnou, N.</td>
</tr>
<tr>
<td>Papailioud, N.</td>
</tr>
<tr>
<td>Papamicheas, V.</td>
</tr>
<tr>
<td>Papatheodorou, D.</td>
</tr>
<tr>
<td>Papatheodorou, S.</td>
</tr>
<tr>
<td>Papazian, M.</td>
</tr>
<tr>
<td>Papotti, M.</td>
</tr>
<tr>
<td>Papouloudi-Bai, A.</td>
</tr>
<tr>
<td>Papoulisazos, K.</td>
</tr>
<tr>
<td>Papp, G.</td>
</tr>
<tr>
<td>Pappa, M.</td>
</tr>
<tr>
<td>Pappa, S.</td>
</tr>
<tr>
<td>Pappas, Z.</td>
</tr>
<tr>
<td>Pappis, V.</td>
</tr>
<tr>
<td>Paradis, A.</td>
</tr>
<tr>
<td>Paradis, V.</td>
</tr>
<tr>
<td>Parascen, L.</td>
</tr>
<tr>
<td>Pardo, B.</td>
</tr>
<tr>
<td>Pardo, J.</td>
</tr>
<tr>
<td>Parhovchenko, E.</td>
</tr>
<tr>
<td>Paridaens, D.</td>
</tr>
<tr>
<td>Paripovic, D.</td>
</tr>
<tr>
<td>Park, H.-J.</td>
</tr>
<tr>
<td>Park, I.-A.</td>
</tr>
<tr>
<td>Park, J. Y.</td>
</tr>
<tr>
<td>Park, K.-H.</td>
</tr>
<tr>
<td>Park, K.-K.</td>
</tr>
<tr>
<td>Park, P.</td>
</tr>
<tr>
<td>Park, S.</td>
</tr>
<tr>
<td>Park, S.-A.</td>
</tr>
<tr>
<td>Park, S. H.</td>
</tr>
<tr>
<td>Park, S.-Y.</td>
</tr>
<tr>
<td>Park, T. I.</td>
</tr>
<tr>
<td>Park, Y.-K.</td>
</tr>
<tr>
<td>Parra Cuencas, E. R.</td>
</tr>
<tr>
<td>Párraga Ramírez, M. J.</td>
</tr>
<tr>
<td>Parwani, A.</td>
</tr>
<tr>
<td>Pasaqolu, E.</td>
</tr>
<tr>
<td>Pasaqolu, O.</td>
</tr>
<tr>
<td>Pasel, G.</td>
</tr>
<tr>
<td>Pasmant, E.</td>
</tr>
<tr>
<td>Pasov, D.</td>
</tr>
<tr>
<td>Pastor Jimeno, J. C.</td>
</tr>
<tr>
<td>Pastorková, Z.</td>
</tr>
<tr>
<td>Pasupati Meenakshi, T.</td>
</tr>
<tr>
<td>Patakiotou, F.</td>
</tr>
<tr>
<td>Pavlidis, D.</td>
</tr>
<tr>
<td>Pau, D.</td>
</tr>
<tr>
<td>Paula, A.</td>
</tr>
<tr>
<td>Pauli, C.</td>
</tr>
<tr>
<td>Paulik, N.</td>
</tr>
<tr>
<td>Paulik, R.</td>
</tr>
<tr>
<td>Paulino-Cabrera, E.</td>
</tr>
<tr>
<td>Paulus, A.</td>
</tr>
<tr>
<td>Paulus, W.</td>
</tr>
<tr>
<td>Paunescu, V.</td>
</tr>
<tr>
<td>Pauwels, P.</td>
</tr>
<tr>
<td>Pauwels, R.</td>
</tr>
<tr>
<td>Pávai, Z.</td>
</tr>
<tr>
<td>Pavel, A.</td>
</tr>
<tr>
<td>Pavlenko, I.</td>
</tr>
<tr>
<td>Pavlidis, P.</td>
</tr>
<tr>
<td>Pavlov, K.</td>
</tr>
<tr>
<td>Pavlov, I.</td>
</tr>
<tr>
<td>Pavlov, K.</td>
</tr>
<tr>
<td>Pavlova, T.</td>
</tr>
<tr>
<td>Pavlovskaya, A.</td>
</tr>
<tr>
<td>Pawel, B.</td>
</tr>
<tr>
<td>Paydas, S.</td>
</tr>
<tr>
<td>Pearce, N.</td>
</tr>
<tr>
<td>Pechnikova, V.</td>
</tr>
<tr>
<td>Pechlt, I.</td>
</tr>
<tr>
<td>Pečiulyte, L.</td>
</tr>
<tr>
<td>Pedani, F.</td>
</tr>
<tr>
<td>Pedrosa, R. M. S. M.</td>
</tr>
<tr>
<td>Pêgo, A.</td>
</tr>
<tr>
<td>Pehlivan, F.</td>
</tr>
<tr>
<td>Pehtianoglu, B.</td>
</tr>
<tr>
<td>Pelaez, S.</td>
</tr>
<tr>
<td>Peláez García, A.</td>
</tr>
<tr>
<td>Peled, N.</td>
</tr>
<tr>
<td>Pelletier, R.</td>
</tr>
<tr>
<td>Peres, L. C.</td>
</tr>
<tr>
<td>Perevoschikov, P.</td>
</tr>
<tr>
<td>Perez, X.</td>
</tr>
<tr>
<td>Perez Aguirera, S.</td>
</tr>
<tr>
<td>Perez Becerra, R.</td>
</tr>
<tr>
<td>Perez Campos, A.</td>
</tr>
<tr>
<td>Perez Martin, J.</td>
</tr>
<tr>
<td>Perezpêna Diazconti, M.</td>
</tr>
<tr>
<td>Perez Sayans, M.</td>
</tr>
<tr>
<td>Pergolizzi, B.</td>
</tr>
<tr>
<td>Perin, T.</td>
</tr>
<tr>
<td>Perlman, B.</td>
</tr>
<tr>
<td>Perner, S.</td>
</tr>
<tr>
<td>Perren, A.</td>
</tr>
<tr>
<td>Pervet, S.</td>
</tr>
<tr>
<td>Petanidis, S.</td>
</tr>
<tr>
<td>Pezeteiro González, D.</td>
</tr>
<tr>
<td>Peterlein, C.-D.</td>
</tr>
<tr>
<td>Petersen, I.</td>
</tr>
<tr>
<td>Peters, S.</td>
</tr>
<tr>
<td>Petinou, D.</td>
</tr>
<tr>
<td>Petit, A.</td>
</tr>
<tr>
<td>Petit, T.</td>
</tr>
<tr>
<td>Petit Montserrat, A.</td>
</tr>
<tr>
<td>Petousis, S.</td>
</tr>
<tr>
<td>Petrescu, A.</td>
</tr>
<tr>
<td>Petrov, A.</td>
</tr>
<tr>
<td>Petrov, S.</td>
</tr>
<tr>
<td>Petrukhin, V.</td>
</tr>
<tr>
<td>Petrushesvka, G.</td>
</tr>
<tr>
<td>Peuchmair, M.</td>
</tr>
<tr>
<td>Pfister, D.</td>
</tr>
<tr>
<td>Pfister, S.</td>
</tr>
<tr>
<td>Phattarataratip, E.</td>
</tr>
<tr>
<td>Phelan, J.</td>
</tr>
<tr>
<td>Phelan, S.</td>
</tr>
<tr>
<td>Phillips, C.</td>
</tr>
<tr>
<td>Piao, Y.</td>
</tr>
<tr>
<td>Picazo, M.</td>
</tr>
<tr>
<td>Picci, P.</td>
</tr>
<tr>
<td>Picciotto, A.</td>
</tr>
<tr>
<td>Picci, D.</td>
</tr>
<tr>
<td>Pietsch, T.</td>
</tr>
<tr>
<td>Pignatelli, A.</td>
</tr>
<tr>
<td>Pijnenborg, J.</td>
</tr>
<tr>
<td>Pilleri, S.</td>
</tr>
<tr>
<td>Pimentel-Nunes, P.</td>
</tr>
<tr>
<td>Pimkhaokhim, A.</td>
</tr>
<tr>
<td>Pina, R.</td>
</tr>
</tbody>
</table>
Index of Authors

Rešić Karara, J. 128
Reifenberger, G. 52, 58, 124
Reis, J. 68
Reis, R. 139
Reis-Filho, J. 83
Reis Machado, J. 49, 96, 128
Reis Silva, M. 121, 125, 169, 175
Rekhi, B. 102, 137, 139
Rektman, N. 29, 67
Rekkik, W. 141, 150, 151
Rêma, A. 84
Remes, S. 85
Rennipps, D. 80
Renouf, D. J. 124
Repšė Fokter, A. 102
Requesa, A. 45
Requena Lopez, D. 125
Rerknimitr, P. 115
Resano, M. 162
Resanzo Abazaorzuza, M. 125
Resende, F. 168
Resetkova, E. 82
Reshehtnikova, O. 128, 164
Resta, L. 104
Retana Contreras, C. 49
Reuter, V. 63
Reyes Mugica, M. 49, 51
Reyes-Santias, R. 91
Reziga, H. 90
Riahi, M. 115
Ribback, S. 69
Ribeiro, J. 57
Ribeiro-Silva, A. 105, 139
Ribeyre, C. 68
Rice, K. 143
Rieger, H. 134
Richtig, E. 131, 169
Richtig, G. 131, 169
Rico, Y. 90
Riddell, R. 43, 124
Riegman, P. 132
Riekstina, M. 157, 166
Rieznik, A. 90, 91
Righi, L. 134
Rigla Cros, M. 99
Rimbas, M. 121
Rindi, G. 33
Ringgaard, M. B. 127
Rios, E. 121, 152, 168
Ripa, F. 134
Ristamäki, R. 122
Ristic, S. 110
Ristam-Petrovic, A. 48
Ristimäki, A. 124
Ristovski, G. 112
Rito, M. 107, 141
Rittmeyer, A. 189
Rivas Infante, E. 125
Riveiro-Falkenbach, E. 134
Rizea, P. A. 158
Rizk, O. 82, 155
Rizo Barrios, A. 149
Rjabceva, S. 137, 138, 149
Roa, D. 118
Robayo, O. F. 131
Robert, M. 33
Robertta Martins Pucci, K. 49
Roberts, C. 148
Roberts, F. 65
Roberts, I. 96
Roca, L. 123
Roca, M. J. 155, 179
Rocha, R. 48, 62, 139, 168
Rocha, R. M. 50
Rocha, A. B. 118, 122, 137, 141, 160
Rocheta Lataa, A. B. 140, 141, 176
Rod, A. 40
Rodewald, A. 61
Rodrigues, A. 143
Rodrigues, I. S. 50
Rodrigues, P. 98, 173
Rodrigues de Meirelles, L. 95
Rodrigues Helmo, F. 49
Rodrigues-Pereira, P. 83
Rodrigues Silva, S. 86
Rodriguez, Y. 126
Rodriguez-Canales, J. 61
Rodriguez Garcia, A. 144
Rodriguez-Peralto, J. L. 134
Roger Parra, E. 32, 66
Roggério, A. 57
Roggia, C. 66
Rogov, Y. 137, 143, 144, 150
Roh-M. S. 109
Rohan, Z. 125
Roje, D. 119
Rojkusz, A. 94
Rolim, I. 38
Rolim Neto, M. L. 171
Roma, A. 39
Romaniuk, A. 135
Romeih, M. 180
Romero Rojas, A. 91
Rondon Lagos, M. 88
Rontogianni, D. 124
Roobol, M. 47, 140
Roome, T. 93, 132
Röper, B. 137
Rosai, J. 47
Rosa Miranda Corrêa, R. 49, 128
Rosa Olivo, C. 138
Rosario Mercado, M. d. 94, 117
Rosario Taco, M. D. 87
Rosaen, M. 180
Rosenwald, A. 39
Rosedo, D. 122, 141
Roserio Cuesta, D. 140, 176
Rosedo Videla, M. P. 98
Romsusvaj, J. 160
Rosner, I. 48, 143, 145
Rosolen, D. C. B. 175
Rosolia Teodoro, W. 66, 70, 71,
111, 138
Ross, J. S. 192
Ross, L. 47
Rossi, E. 49
Rossi, G. 40, 66, 109
Rotimi, O. 167
Rotin, D. 35, 132
Rottedeffel, S. 132
Roudier, M. 142
Roufosse, C. 30, 45, 54
Rouleau, E. 74, 75
Rouptsiou, E. 148
Roussou, D. 102
Rouzbahman, M. 159
Roveda, K. 95
Royal, V. 33
Roy Chowdhuri, S. 43
Royaam, S. 29
Rozkos, T. 155
Rozumnii, D. 90
Ruano, D. 50
Ruano, Y. 134
Rubbia-Brandt, L. 34
Rubin, M. A. 37
Rudlik, L. 128
Rudsor, S. 55
Ruff, H. 45
Rugwizingaba, G. 88, 108
Ruhangaza, D. 131
Rui, N. 83
Ruiz-Braito, E. 61
Ruiz Ponte, C. 91
Rulke, U. 110, 111
Russo, D. 94
Rusu, I. 158
Ruszniewski, P. 46
Rwamasisarbo, E. 142
Ryabtseva, A. 136
Ryazanov, P. 152
Rys, J. 83, 139
Ryska, A. 61, 131
Ryu, H.-S. 84
Sagalchik, L. 143
Sahin, H. 115
Sahakyan, V. 84
Saglam, O. 50
Sagiroglu, T. 152
Sagiroglu, T. 152
Sahafy, S. 152
Saco, A. 83, 103
Sadaf, S. 90
Sadovnikova, E. 159
Saeed Nejad, L. 140, 144
Saeid Abdelayed, S. 105
Saenz Ibarra, B. 127, 156,
165, 170
Sáenz-Sardá, X. 138
Sawai, K. 105
Sáez Gutiérrez, B. 145
Saffar, K. 161
Sageert, X. 63, 117
Sagalchik, L. 143, 144
Sagar, M. 140, 177
Sagar, P. 177
Sagiroglu, T. 152
Saglam, O. 50
Sagyn, Z. 107, 172
Sahukeyan, V. 84
Sahin, H. 83, 115, 123
<table>
<thead>
<tr>
<th>Authors</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sahin, N.</td>
<td>85, 167</td>
</tr>
<tr>
<td>Sahin, S.</td>
<td>156, 178</td>
</tr>
<tr>
<td>Sahin, Y.</td>
<td>62</td>
</tr>
<tr>
<td>Sahraoui, G.</td>
<td>101, 108, 117, 159</td>
</tr>
<tr>
<td>Sahu, D.</td>
<td>47</td>
</tr>
<tr>
<td>Saidi, S.</td>
<td>178</td>
</tr>
<tr>
<td>Sailer, V.</td>
<td>37</td>
</tr>
<tr>
<td>Saito, A.</td>
<td>82</td>
</tr>
<tr>
<td>Saito, N.</td>
<td>91</td>
</tr>
<tr>
<td>Saiz Ruiz de Loizaga, M.</td>
<td>179</td>
</tr>
<tr>
<td>Sahin, M.</td>
<td>114, 126, 136, 154, 159, 161, 175</td>
</tr>
<tr>
<td>Sahraoui, G.</td>
<td>101, 108, 117, 159</td>
</tr>
<tr>
<td>Sahu, D.</td>
<td>47</td>
</tr>
<tr>
<td>Saidi, S.</td>
<td>178</td>
</tr>
<tr>
<td>Sailer, V.</td>
<td>37</td>
</tr>
<tr>
<td>Saito, A.</td>
<td>82</td>
</tr>
<tr>
<td>Saito, N.</td>
<td>91</td>
</tr>
<tr>
<td>Sahoo, S.</td>
<td>156, 178</td>
</tr>
<tr>
<td>Sailer, V.</td>
<td>37</td>
</tr>
<tr>
<td>Saito, A.</td>
<td>82</td>
</tr>
<tr>
<td>Saito, N.</td>
<td>91</td>
</tr>
<tr>
<td>Saiz Ruiz de Loizaga, M.</td>
<td>179</td>
</tr>
<tr>
<td>Sahin, M.</td>
<td>114, 126, 136, 154, 159, 161, 175</td>
</tr>
<tr>
<td>Sahraoui, G.</td>
<td>101, 108, 117, 159</td>
</tr>
<tr>
<td>Sahu, D.</td>
<td>47</td>
</tr>
<tr>
<td>Saidi, S.</td>
<td>178</td>
</tr>
<tr>
<td>Sailer, V.</td>
<td>37</td>
</tr>
<tr>
<td>Saito, A.</td>
<td>82</td>
</tr>
<tr>
<td>Saito, N.</td>
<td>91</td>
</tr>
<tr>
<td>Name</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------</td>
</tr>
<tr>
<td>Uy, J. A.</td>
<td>124</td>
</tr>
<tr>
<td>Uye, Y.</td>
<td>148</td>
</tr>
<tr>
<td>Uzzan, M.</td>
<td>117</td>
</tr>
<tr>
<td>Vaarwater, J.</td>
<td>44</td>
</tr>
<tr>
<td>Vaciorda, C.</td>
<td>132</td>
</tr>
<tr>
<td>Vaduva, A.</td>
<td>122, 139, 151</td>
</tr>
<tr>
<td>Vagnarelli, F.</td>
<td>89</td>
</tr>
<tr>
<td>Vaiideswar, P.</td>
<td>89, 149</td>
</tr>
<tr>
<td>Vaishnavi, C.</td>
<td>31</td>
</tr>
<tr>
<td>Vajpeyi, R.</td>
<td>156</td>
</tr>
<tr>
<td>Valadakis, V.</td>
<td>172</td>
</tr>
<tr>
<td>Valand, J. T.</td>
<td>170</td>
</tr>
<tr>
<td>Valdivieso Ortiz, A.</td>
<td>87</td>
</tr>
<tr>
<td>Vale, E.</td>
<td>85</td>
</tr>
<tr>
<td>Valencia Cedillo, R.</td>
<td>49</td>
</tr>
<tr>
<td>Valencia Mayoral, P.</td>
<td>49</td>
</tr>
<tr>
<td>Valera, M.</td>
<td>86</td>
</tr>
<tr>
<td>Vargas, P.</td>
<td>31</td>
</tr>
<tr>
<td>Vargas Ramos, P.</td>
<td>143</td>
</tr>
<tr>
<td>Varga, Z.</td>
<td>53</td>
</tr>
<tr>
<td>Varin, E.</td>
<td>31</td>
</tr>
<tr>
<td>Varma, H.</td>
<td>122</td>
</tr>
<tr>
<td>Varrigos, J.</td>
<td>140</td>
</tr>
<tr>
<td>Varshney, S.</td>
<td>159</td>
</tr>
<tr>
<td>Vasas, B.</td>
<td>98</td>
</tr>
<tr>
<td>Vasaturo, A.</td>
<td>71</td>
</tr>
<tr>
<td>Vasilakaki, T.</td>
<td>84, 106, 171, 176</td>
</tr>
<tr>
<td>Vasiliev, T.</td>
<td>87</td>
</tr>
<tr>
<td>Vasin, I.</td>
<td>66</td>
</tr>
<tr>
<td>Vasko, E.</td>
<td>93</td>
</tr>
<tr>
<td>Vlachos, D.</td>
<td>101</td>
</tr>
<tr>
<td>Vlachos, G.</td>
<td>101</td>
</tr>
<tr>
<td>Vladikas, N.</td>
<td>144</td>
</tr>
<tr>
<td>Vladisavljevic, S.</td>
<td>150, 151</td>
</tr>
<tr>
<td>Vladova, P.</td>
<td>156</td>
</tr>
<tr>
<td>Vogelgesang, M.</td>
<td>139</td>
</tr>
<tr>
<td>Voidsazan, S.</td>
<td>82, 144</td>
</tr>
<tr>
<td>Voinea, O.</td>
<td>126, 178</td>
</tr>
<tr>
<td>Volosu, T.</td>
<td>123</td>
</tr>
<tr>
<td>Volante, M.</td>
<td>48, 61, 92, 134</td>
</tr>
<tr>
<td>Volders, N.</td>
<td>114</td>
</tr>
<tr>
<td>Volkova, M.</td>
<td>154</td>
</tr>
<tr>
<td>von Deimling, A.</td>
<td>52, 137</td>
</tr>
<tr>
<td>von Eisenhart-Rothe, R.</td>
<td>137, 171</td>
</tr>
<tr>
<td>von Loga, K.</td>
<td>60</td>
</tr>
<tr>
<td>Voronkova, I.</td>
<td>174</td>
</tr>
<tr>
<td>Vorra, A.</td>
<td>61</td>
</tr>
<tr>
<td>Vosmilj, M.</td>
<td>61</td>
</tr>
<tr>
<td>Votta, A.</td>
<td>61, 92</td>
</tr>
<tr>
<td>Vourlakou, C.</td>
<td>86, 96, 107, 115, 151, 166</td>
</tr>
<tr>
<td>Vranic, S.</td>
<td>44, 86, 139</td>
</tr>
<tr>
<td>Vuckovic, L.</td>
<td>87</td>
</tr>
<tr>
<td>Vuckovic, N.</td>
<td>126</td>
</tr>
<tr>
<td>Vujanic, G.</td>
<td>49</td>
</tr>
<tr>
<td>Vukmirovic, F.</td>
<td>87, 121</td>
</tr>
<tr>
<td>Vuljar, S.</td>
<td>67</td>
</tr>
<tr>
<td>Vurali, C.</td>
<td>103, 163</td>
</tr>
<tr>
<td>Vurrallia Bakakaloglu, D.</td>
<td>62</td>
</tr>
<tr>
<td>Vurgun, E.</td>
<td>99</td>
</tr>
<tr>
<td>Vybohova, D.</td>
<td>85</td>
</tr>
</tbody>
</table>

**IAP / ESP 2016 · Cologne**
Join Prof. Reinhard Büttner, Chair for this informative session

Immune Biomarkers in Immuno-Oncology: Moving the Science Forward

LUNCHEON SYMPOSIUM
TUESDAY, 27 SEPTEMBER 2016
FROM 13:00–14:30
LOCATED IN CONGRESS-SAAL, SECTION 2

Topics for discussion include:
• Immuno-oncology: Harnessing the immune system to fight cancer
• Review of case studies in immuno-oncology: Sharing real-life experience
• PD-L1 diagnostics in metastatic NSCLC
• Implementation of PD-L1 testing in pathology practice

This luncheon symposium promises to be a stimulating and engaging discussion on the role of immuno-oncology therapy in cancer treatment and how the evolving science of biomarkers may help inform treatment decisions.

©2016 Bristol-Myers Squibb Company. All rights reserved.
Join Prof. Reinhard Büttner, Chair for this informative session

**Immune Biomarkers in Immuno-Oncology: Moving the Science Forward**

LUNCHEON SYMPOSIUM  
**TUESDAY, 27 SEPTEMBER 2016**  
**FROM 13:00–14:30**  
**LOCATED IN CONGRESS-SAAL, SECTION 2**

Topics for discussion include:

- Immuno-oncology: Harnessing the immune system to fight cancer
- Review of case studies in immuno-oncology: Sharing real-life experience
- PD-L1 diagnostics in metastatic NSCLC
- Implementation of PD-L1 testing in pathology practice

This luncheon symposium promises to be a stimulating and engaging discussion on the role of immuno-oncology therapy in cancer treatment and how the evolving science of biomarkers may help inform treatment decisions.
What do you need for the perfect digital pathology laboratory? How can digital pathology improve your department’s productivity? How can digital pathology help your academic research and education? How can you overcome challenges of digitalization in terms of quality, speed and storage?

invitation to
LUNCHEON SYMPOSIUM SPONSORED BY 3DHISTECH & SYSMEX
“SCIENTIFIC AND PRACTICAL ASPECTS IN DIGITAL PATHOLOGY.”

Chairman and presenter:
Prof. Inti Zlobec
Bern, Switzerland
“Tumor microenvironment in colorectal cancer: application of ngTMA.”

Guest speakers:
Prof. Manfred Dietel
Berlin, Germany
“Digital immunohistochemistry with an immunohistochemical stainer, automated coverslipper, scanner system (iSaCS).”

Prof. Yukako Yagi
Boston, USA
“Colour calibration in digital pathology.”

Dr. Lex Makkus
Barendrecht, Netherlands
“A fully digitized pathology laboratory experiences.”

Dr. Dominique Wendum
Paris, France
“Digital microscopy based education experiences.”

Venue:
IAP / ESP CONGRESS 2016
Monday, 26 September 2016, 13:00 – 14:30 PM
Congress Saal section 2.
Congress-Centrum Ost Kölnmesse,
Cologne, Germany

Please visit 3DHISTECH’s exhibition booth #5.