SWISS PATHOLOGY DAYS
83rd ANNUAL CONGRESS OF THE SWISS SOCIETY OF PATHOLOGY

83. JAHRESTAGUNG DER SCHWEIZERISCHEN GESELLSCHAFT FÜR PATHOLOGIE

83e CONGRÈS ANNUEL DE LA SOCIÉTÉ SUISSE DE PATHOLOGIE

10-12.11.2017

KKTHUN
Kultur- und Kongresszentrum Thun

final program

Online registration / Anmeldungen / Inscriptions  www.meeting-com.ch
Invitation 2017

Dear Colleagues, dear Friends,

It is a great pleasure for us to welcome you at the Swiss Pathology Days, the 83rd Annual Meeting of the Swiss Society of Pathology 2017.

This year, several young staff pathologists and senior residents have had the unique opportunity to participate in the organization of the Swiss Pathology Days supported by the executive board of the Swiss Society of Pathology. As junior medical professionals, we would like to express our thanks to the Society for their assistance and the trust they have put in our team.

In pathology, we currently find ourselves in an exciting era. Advances in technology have opened up many new possibilities, not only in terms of diagnostic tests, but also in the areas of knowledge transfer and communication. The Swiss Pathology Days App is one example of such recent innovation. The App will help you find your way during the conference, download lecture materials and abstracts, and will provide an interactive platform for the main sessions.

We are proud to present this year’s scientific program, which we hope will appeal to both residents in training and experienced pathologists alike. Topics include pattern-based approaches to surgical pathology, an update on new classification systems and immunotherapy. Our competitive abstract submission process will give researchers a podium to present and discuss their projects.

Last but not least, several social events such as the traditional Gala dinner and an informal get-together evening are awaiting you. The impressive backdrop of the Swiss Alps combined with the excellent location and facilities of the KKThun and the Congresshotel are sure to make for a memorable experience.

We are very much looking forward to welcoming you in Thun and to an exciting and informative meeting!

With best regards on behalf of the organization committee,

Dr. med. Heather Dawson
Congress President

Dr. med. Yasmine Ibrahim
Congress Vice President

Dr. med. Karl-Friedrich Deml
Congress Vice President

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ALK- AND ROS1-POSITIVE ADVANCED NSCLC

Xalkori® (Crizotinib). Indications: First-line treatment of ALK-positive advanced non-small cell lung cancer (NSCLC); previously treated advanced ALK-positive NSCLC; treatment of ROS1-positive advanced NSCLC. Dosage: Adults: 250 mg twice daily with or without food. Special dosage instructions: Hematologic Toxicities, increase of liver function test values, hepatic impairment, interstitial lung disease (ILD) pneumonia, QT prolongation, bradycardia.

Contraindications: Hypersensitivity to crizotinib or to any of the excipients.

Warnings/Precautions for use: Hematotoxicity, ILD/pneumonitis, QT interval prolongation, bradycardia, cardiac failure, vision disorders, gastrointestinal effects, complex renal cyt, renal disorders, kettly, propranolol, clozapine, CYP3A4 substrates (e.g., midazolam, allopurinol, cyclosporine, fentanyl), CYP2B6 substrate (e.g., bupropion), P-gp substrates (e.g., digoxin), CYP3A4 inhibitors (e.g., ketoconazole, atorvastatin), CYP3A4 inducers (e.g., rifampicin, rifabutin).

Undesirable effects: Neutropenia, leukopenia, lymphopenia, thrombocytopenia, blood testosterone decreased, decreased appetite, dizziness, neuropathy, dysgeusia, vision disorders, cardiac failure, bradycardia, QT prolongation, syncope, ILD/pneumonitis, nausea, dizziness, vomiting, constipation, edema-related disorders, dyspnea, liver transaminases increased, Atpase, ATPase, rash, complex renal cyt, blood creatinine increased, edema, fatigue, etc.

Packaging: 200 mg und 250 mg: 60 hard gelatin capsules. Sales category: A. Marketing authorization holder: Pfizer AG, Schlierenstrasse 99, 8052 Zürich. For detailed information refer to the product information at www.swissmedicinfo.ch. (V024) IPM 7968-126-04/17
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Organization

**Congress President**
Heather Dawson, Bern

**Congress Vice Presidents**
Karl-Friedrich Deml, Münsterlingen
Yasmine Ibrahim, Geneva

**Organizing Committee**
Annika Blank, Bern
Patricia Caseiro Silverio, Geneva
Jürgen Hench, Basel
Viktor Kölzer, Bern
Matthias Matter, Basel
Tatjana Vlajnic, Basel

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Rainer Grobholz, Aarau
Wolfram Jochum, St. Gallen
Luca Mazzuchelli, Locarno
Tilman Rau, Bern
Luigi Terracciano, Basel

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Gieri Cathomas, Liestal

**Vice President**
Alessandro Lugli, Bern

**Secretary**
Zsuzsanna Varga, Zürich

**Past President**
Laura Rubbia-Brandt, Geneva
General information

Congress venue
Kultur- und Kongresszentrum KKThun
Seestrasse 68, CH-3602 Thun
www.kkthun.ch

Registration & Congress secretariat
Meeting com Congress Organisation
Rue des Pâquis 1 • CP 100
CH-1033 Cheseaux-sur-Lausanne
T 021 312 92 61 • F 021 312 92 63
nicole.giacomini@meeting-com.ch

Online registration on www.meeting-com.ch
Onsite registration also possible (onsite fee)

Registration fees

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<tr>
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<tr>
<td>Residents/students/technicians</td>
<td>150.00</td>
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<td>SSPath members</td>
<td>250.00</td>
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<td>SSPath non-members</td>
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CONGRESS DINNERS
FRIDAY, 10.11.2017
Gala Dinner KKThun
SATURDAY, 11.11.2017
Get-Together

Members and non-members
80.00 free

Payment/confirmation
After your registration/payment, you will receive our invoice/confirmation by email to the address given when registering. Payment by credit card upon registration online is possible, as well as onsite (onsite fee).

Included in registration fee

Not included in the registration fee
The Gala Dinner is not included and has to be booked separately when registering (CHF 80.00). Places are limited and a reservation is required.

Certificate of attendance
The certificate of attendance will be sent by email to all participants after the event.

Cancellation
Written notification is required for all cancellations and changes. In case of cancellation 30 days prior the event, the refund of the amount paid will be done net of CHF 60.00 for administrative costs. Thereafter no refund is possible. Any registration made within the “early bird” time must be paid during this period. If not the case, the invoice is automatically updated at the current price. Administrative costs will be charged to no shows. Legal jurisdiction is Lausanne.

Oral presentations
There are three oral presentation sessions: two on Friday 10.11.17 (11.15 and 16.30) and one on Saturday 11.11.17 at 16.30.

Poster sessions
There are two moderated poster sessions: one during lunch of Friday 10.11.17 at 12.00 and one during lunch of Saturday 11.11.17 at 12.00.

Language
The language of the congress is English.

Industrial exhibition
An industrial exhibition will take place at the Congress venue on Friday 10.11.17 and Saturday 11.11.17.

Hotel booking

Credits

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<tr>
<td>Friday 10.11.17</td>
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<td>Saturday 11.11.17</td>
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Per slide seminar
1 credit (attending) + 1 credit (rendering diagnoses)

Internet access
An internet access will be available throughout the event. Information at the welcome desk.

APP
A SGPATH2017 App is available here: www.dotplus.ch/Event-Code: spd17 or in scanning this QR code
**Maxwell RSC**

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The Maxwell® Rapid Sample Concentrator (RSC) Instrument with the integrated Quantus™ Fluorometer allows isolation of ccfDNA from up to 16 plasma samples in a single run.

- Obtain high yields of amplifiable ccfDNA
- Simply add 1ml of plasma to the cartridges and start the automated run
- Purify ccfDNA from 2-4ml of plasma with a modified protocol and simple preprocessing

For more information visit: www.promega.com/MaxwellRSC

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**Program at a glance**

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| From 08.30          |                      |                  |
| Registration        |                      |                  |
| Foyer               |                      |                  |
| **09.30-10.45**     |                      |                  |
| GENERAL ASSEMBLY    |                      |                  |
| Schadausaal         |                      |                  |
| **10.45-11.15**     |                      |                  |
| Coffee break        |                      |                  |
| **11.15-12.15**     |                      |                  |
| SLIDE SEMINAR 2     |                      |                  |
| Schadausaal         |                      |                  |
| **12.00-13.30**     |                      |                  |
| POSTER SESSION 2   |                      |                  |
| Poster area         |                      |                  |
| **13.30-15.00**     |                      |                  |
| MAIN SESSION 4     |                      |                  |
| Schadausaal         |                      |                  |
| **15.00-15.30**     |                      |                  |
| Coffee break        |                      |                  |
| Exhibition & Poster area |                |                  |
| **15.30-16.30**     |                      |                  |
| MAIN SESSION 4     |                      |                  |
| Schadausaal         |                      |                  |
| **16.30-17.00**     |                      |                  |
| ORAL PRESENTATIONS 3 |                    |                  |
| Schadausaal         |                      |                  |
| **18.30**           |                      |                  |
| Get-Together        |                      |                  |
| Congress Hotel      |                      |                  |
| Seepark             |                      |                  |

**End of congress**
Friday, November 10, 2017

From 8.00
Registration

09.00-09.15
Opening ceremony Schadausaal

09.15-11.15
MAIN SESSION 1 Schadausaal
Chair: Karl-Friedrich Deml, Münsterlingen; Tatjana Vlajnic, Basel

09.15-09.45
A practical approach to breast biopsies
Zsuzsanna Varga, Zürich

09.45-10.15
A practical approach to prostate biopsies
Achim Fleischmann, Münsterlingen

10.15-10.45
Coffee break – Visit of the exhibition – Poster viewing Exhibition & Poster area

10.45-11.15
A practical approach to lung biopsies
Hans-Ulrich Schildhaus, Göttingen (D)

11.00-12.00
ORAL PRESENTATIONS – SESSION 1: 01 - 04 Schadausaal

01
PD-L1 testing using concentrated 22C3 antibody: results of the Swiss cross-validation study
Spasenija Savic1, Sabina Berezowska2, Serenella Epenberger1, Achim Fleischmann1, Gieri Cathomas4, Joachim Diebold5, Igor Letovanec6, Wolfram Jochum7, Paul Kommoinoth8, Thomas McKee9, Felix Offner10, Matthias Rössle11, Gad Singer12, Michael Von Gunten13, Andreas Zettel14, Roland Zweifel15, Alex Soltermann16, Lukas Bubendorf1

1 Universitätsspital Basel, 2 Universität Bern, 3 Kantonsspital Münsterlingen, 4 Kantonsspital Baselland, Liestal, 5 Luzerner Kantonsspital, Luzern, 6 Hôpitaux universitaires de Lausanne, 7 Kantonsspital St.Gallen, 8 Triemlispolisal, Zürich, 9 Hôpitaux universitaires de Genève, 10 Akamenisches Lehrkrankenhaus, Feldkirch (AT), 11 Kantonsspital Graubünden, Chur, 12 Kantonsspital Baden, 13 Pathologie Länggasse, Bern, 14 Violler AG, Pathologie, Allschwil, 15 Kantonsspital Aarau, 16 Universitätsspital Zürich

02
Tumor purity enrichment applying a unique flow-sorting approach to study intratumoral heterogeneity in matched samples of squamous cell carcinoma of the lung
Arthur Krause1, Thomas Lorber1, Tanja Dietsche1, Michael Barrett2, Christian Ruiz1, Lukas Bubendorf1

1 Institute of Pathology, University Hospital Basel, 2 Mayo Clinic, Arizona, Scottsdale (US)

03
Implications of routine NGS testing for daily clinical practice – the Zurich experience with the OFA panel
Nadejda Valtcheva1, Christian Diehl1, Markus Rechsteiner1, Sandra N. Freiberger1, Christine E. Wong1, Annette Bohnert1, Elisa Bellini1, Qing Zhong1, Ulrich Wagner1, Alessandra Curioni1, Alexander Siebenhüner1, Christian Britschgi1, Peter J. Wild1

1 University Hospital Zurich

04
Genetic profiling of cell-free plasma DNA from patients with therapy-naïve hepatocellular carcinoma
Charlotte Ng1, Nadia Tosti1, Viola Paradiso1, Valeria Perrina1, Cristina Quintavalle1, Manuela Lanzafame1, Luca Quagliata1, Matthias Matter1, Luigi Terracciano1, Salvatore Piscuoglio1

1 University Hospital Basel

11.00-12.00
Director’s conference Workshop 1

12.00-13.30
Lunch – Visit of the exhibition & poster session Exhibition area

12.00-13.30
POSTER SESSION 1: P1 - P16 Poster area

Moderated by Holger Moch, Zürich; Sabina Berezowska, Bern
Friday, November 10, 2017

13.30-16.30
MAIN SESSION 2
Chair: Yasmine Ibrahim, Geneva; Matthias Matter, Basel

13.30-14.00
Molecular pathology of lung cancer
Reinhard Büttner, Cologne (D)

14.00-14.30
Methylation profiling of brain cancers
David Capper, Berlin (D)

14.30-15.00
The new WHO/TNM classification and new entities in the field of gastroenteropancreatic neuroendocrine neoplasms
Stefano La Rosa, Lausanne

15.00-16.00
Coffee break – Visit of the exhibition – Poster viewing
Exhibition & Poster area

16.00-16.30
Molecular pathology of head and neck tumors
Niels Rupp, Zürich

16.30-17.00
ORAL PRESENTATIONS – SESSION 2: 05 - 07
Schadausaal

05
High-throughput sequencing of nodal marginal zone lymphomas identifies BRAF V600E hotspot mutations
Vincent Pillonel1, Darius Juskevicius1, Charlotte Ng1, David Jucker1, Stefan Dirnhofer1, Alexandar Tzankov1
University Hospital Basel

06
Visualization of hepatitis E virus RNA and proteins in the human liver
Daniela Lenggenhager1, Jérôme Gouttenoire2, Mohsen Malehmir1, Marion Bawohl1, Hanna Honcharova-Biletska1, Susanne Kreutzer1, David Semela3, Jörg Neuweiler3, Sandra Hürlimann4, Patrick Aepli4, Montserrat Fraga5, Roland Sahli5, Luigi Terracciano5, Laura Rubbia-Brandt6, Beat Müllhaupt7, Christine Sempoux7, Darius Moradpour2, Achim Weber1
1 University Zurich and University Hospital Zurich, 2 Centre Hospitalier Universitaire Vaudois, University of Lausanne, 3 Cantonal Hospital St. Gallen, 4 Cantonal Hospital Lucerne, 5 University Hospital Basel, 6 Geneva University Hospitals Faculté de Médecine Geneva, 7 University and University Hospital Zurich

07
Patient-derived renal cancer cell models as a tool for research and precision medicine
Hella Bolck1, Claudia Corro1, Chantal Pauli1, Adriana Von Teichman1, Raquel Herrador1, Katharina Mühlbauer1, Susanne Dettwiler1, Fabiola Prutek1, Peter Schraml1, Holger Moch1
1 University Hospital Zurich

18.30
Welcome drink, Gala Dinner & Award Ceremony
Foyer Lachen
**Saturday, November 11, 2017**

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| 09.00-10.30 | **MAIN SESSION 3**  
*Chair: Jürgen Hench, Basel; Viktor Koelzer, Oxford (UK)* | Schadausaal |
|          | **Introduction to the effects and side effects of immunotherapy**  
Krisztian Homicsko, Lausanne |              |
| 09.30-10.00 | **The role of surgical pathology in guiding cancer immunotherapy**  
Scott Rodig, Boston (US) |              |
| 10.00-10.30 | **Development of an immunotherapy response index for oncology:**  
*a integrated NGS model*  
Mark Rubin, Bern |              |
| 10.30-11.00 | Coffee break – Visit of the exhibition – Poster viewing | Exhibition & Poster area |
| 11.00-12.00 | **SLIDE SEMINAR 1**  
*Common immunotherapy-associated tissue pathology*  
*Chairs: Jürgen Hench, Basel; Viktor Koelzer, Oxford (UK)*  
Scott Rodig, Boston (USA)  
Werner Kempf, Zurich  
Jürgen Hench, Basel | Schadausaal |
| 12.00-13.30 | Lunch – Visit of the exhibition & poster session | Exhibition area |
| 13.30-16.30 | **MAIN SESSION 4**  
*Chair: Annika Blank, Bern; Heather Dawson, Bern* | Schadausaal |
|          | **A pattern-based approach to the non-neoplastic liver biopsy**  
Laura Rubbia-Brandt, Geneva |              |
|          | **A pattern-based approach to the neoplastic liver biopsy**  
Luigi Terracciano, Basel |              |
|          | **Inflammatory bowel disease-related neoplasia: an update**  
Magali Svrcek, Paris (F) |              |
| 15.00-15.30 | Coffee break – Visit of the exhibition – Poster viewing | Exhibition & Poster area |
| 15.30-16.00 | **Pears and pitfalls in handling endoscopic mucosal resections**  
Benoît Terris, Paris (F) | Schadausaal |
| 16.00-16.30 | **Effects on NSAIDs in the gastrointestinal tract**  
Michael Vieth, Bayreuth (D) |              |
Saturday, November 11, 2017

**16.30-17.00**
**ORAL PRESENTATIONS – SESSION 3: 08 - 010**
**Schadausaal**

**08**
**Genomic analysis revealed new oncogenic signatures in TP53-mutant hepatocellular carcinoma**
Venkatesh Kancherla¹, Samir Abdullazade¹, Matthias Matter¹, Luca Quagliata¹,
Luigi Terracciano¹, Charlotte Ng¹, *Salvatore Piscuoglio*¹
¹University Hospital Basel

**09**
**Three cases of SDHC epimutated gastrointestinal stromal tumours: clinical and pathological features**
Ruth Casey¹, Johanne E. Anstee¹, Rogier Ten Hoopen¹, Eamonn Maher¹,
*Olivier Giger*¹
¹Cambridge University, Cambridge (GB)

**010**
**CDX2 loss in colorectal cancer is an independent adverse prognostic factor and can be restored by de-methylation and inhibition of histone deacetylation**
Kristin Uth¹, Janina Graule¹, Alessandro Lugli¹, Mario Tschan¹, Inti Zlobec¹
¹University of Bern

**18.30**
**Get-Together**
At the Congress Hotel Seepark
Seestrasse 47, 3602 Thun

Sunday, November 12, 2017

**From 08.30**
**Registration**

**09.30-10.45**
**GENERAL ASSEMBLY**
**Schadausaal**

**10.45-11.15**
**Coffee break**
**Foyer Schadausaal**

**11.15-12.15**
**SLIDE SEMINAR 2**
**Dermatopathology**
*Chairs: Patricia Caseiro Silverio, Geneva; Yasmine Ibrahim, Geneva*
Helmut Beltraminelli, Bern
Werner Kempf, Zurich
Gürkan Kaya, Geneva

**12.30**
**End of the Swiss Pathology Days 2017**
Discover a new world

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The VENTANA HE 600 system enables you to improve

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• The quality and consistency of your stain
• The technician safety
• The patient safety

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www.roche-diagnostics.ch

Speakers and chairs

BELTRAMINELLI Helmut  Bern
BEREZOWSKA Sabina  Bern
BLANK Annika  Bern
BÜTTNER Reinhard  Cologne (D)
CAPPER David  Berlin (D)
CASEIRO SILVERIO Patricia  Geneva
CATHOMAS Gieri  Liestal
DAWSON Heather  Bern
DEML Karl-Friedrich  Münsterlingen
DIRNHOFER Stephan  Basel
FLEISCHMANN Achim  Münsterlingen
HENCH Jürgen  Basel
HOMICSKO Krisztian  Lausanne
IBRAHIM Yasmine  Geneva
KAYA Gürkan  Geneva
KEMPF Werner  Zürich
KOELZER Viktor  Oxford (UK)
LA ROSA Stefano  Lausanne
MATTER Matthias  Basel
MOCH Holger  Zürich
RODIG Scott  Boston (US)
RUBBIA-BRANDT Laura  Geneva
RUBIN Mark  Bern
RUPP Niels  Zürich
SCHILDHAUS Hans-Ulrich  Göttingen (D)
SEMPOUX Christine  Lausanne
SVRCEK Magali  Paris (F)
TERRACCIANO Luigi  Basel
TERRIS Benoît  Paris (F)
VARGA Zsuzsanna  Zürich
VIETH Michael  Bayreuth (D)
VLAJNIC Tatjana  Basel
Poster presentations

P1 Therapies that control serum insulin enhance the effectiveness of PI3K-inhibitors as anti-cancer agents
Chantal Pauli 1, Benjamin David Hopkins 2, Mark A Rubin 1, Siddhartha Mukherjee 4, Lewis C. Cantley 2
1 University Hospital Zurich, 2 Weill Cornell Medicine, New York (US), 3 University of Bern, 4 Columbia University Medical Center and New York Presbyterian Hospital, New York (US)

P2 Integration of the Oncomine cfDNA Assay in Routine Clinical Practice - the Zurich Experience
Markus Rechsteiner 1, Nadejda Valtcheva 1, Sandra N. Freiberger 1, Christine E. Wong 1, Peter J. Wild 1
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1 University of Bern, 2 University Hospital Zurich, 3 Triemlispital, Zurich, 4 University of Pittsburgh Medical Center, Pittsburgh (US)

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