

DONAU SYMPOSIUM
APPLIED DIAGNOSTICS FOR
EFFECTIVE CANCER TREATMENT:
“A Blend of Molecular Pathology,
Nuclear Medicine and Clinical Pharmacology”



28. – 30. September 2016
Van-Swieten Saal, Medical University Vienna, Austria



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A Blend of Molecular Pathology, Nuclear Medicine and Clinical Pharmacology

Date: 28.-30. September 2016

Location: Van-Swieten Saal, Medical University Vienna, Austria

Organizing Committee:

Johannes Czernin (UCLA - Los Angeles, USA),
Elisabeth de Vries (UMCG - Groningen, Netherlands),

Thomas Beyer, Gerda Egger, Marcus Hacker, Lukas Kenner, Oliver Langer,
Markus Mitterhauser, Sharokh Shariat, Wolfgang Wadsak, Markus Zeitlinger
(all MUW - Vienna, Austria)

Objective. Modern patient care depends on access to state-of-the-art diagnostics including imaging, pathology and data analysis methods. These fields, while being in active pursuit by several groups, cannot be regarded independently anymore. Today, a number of novel and effective pharmaceuticals for therapeutic interventions are available but treatment response is limited due to insufficient a priori patient selection.

If we want to expand on our understanding of disease mechanisms, shortcut target identification and progress in the assessment of subsequent, novel therapeutic approaches, wider collaborative efforts across existing boundaries of medical disciplines and applied sciences are needed. These efforts must not stop at pointing to selected targets and therapies but support going the last mile to turn effective disease management into cost-effective patient management.

This congress intends to provide a forum to open-minded experts both from academia and industry in the field of molecular pathology, nuclear medicine, clinical pharmacology and beyond who share this vision and like to engage in advancing effective and individualized treatments based on novel and validated diagnostic approaches.

Organizing Secretariat: BFW, Währinger Gürtel 18-20, 1090 Vienna, Austria

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General Information:

Registration Fees

	until August 31, 2016	on site
Full registration	€ 280	€ 320
Trainees	€ 150	€ 190
Technologists, students	€ 150	€ 190
Single - day ticket		€ 180

Secretariat and registration desk

The congress secretariat as well as the registration desk will be open:

Wednesday, September 28, 2016: 12:00 – 19:00

Thursday, September 29, 2016: 07:45 – 18:00

Friday, September 30, 2016: 07:45 – 18:00

Airport and arrival information

Vienna International Airport (Schwechat) is located outside the city limits. To get to the center of Vienna you can choose either the City Airport Train, one of the airport express busses, the city railroad or a taxi. City Airport Train (CAT): leaves every half hour (00:05 & 00:35) from the airport to the city center (Landstrasse/Wien Mitte) and from there back to the airport every half hour. More information to be found under <http://www.cityairporttrain.com>.

City of Vienna

Vienna is a pulsating metropolis, unifying tradition and modern spirit. You will be enchanted by Vienna's imperial heritage, the glorious buildings at the “Ringstrasse” and the large number of world-famous works of art. You can relax in one of the countless restaurants, coffee houses and bars or visit the enchanting parks, stately tree-lined alleys or city wineries in Grinzing. Get to know the unique diversity of the Austrian capital during your conference: Vienna waits for you!

Climate

The daytime temperatures in September linger between 10° – 17°Celsius, and it may also be rainy and windy.

Credit cards

All major credit cards, including Eurocard, Diners, VISA and Mastercard are accepted in restaurants, hotels, shopping centers and stores. Travel cheques can be cashed in most banks and exchange offices.

Electricity

The power supply in Austria is 220/240 Volt-current. Most electric outlets adhere to the continental standard (Schuko). Appliances from North America require a transformer and British appliances require an adaptor for the two-pin sockets in use in Austria.

Taxes & Tipping

The standard tax rate is 20%, however, some services such as hotel, food and transport have a reduced rate of 10%. Most services do not include tipping. In higher class restaurants it is common to give up to 10% of the total. For any other services (taxi, restaurants, hotel) it is up to you how much you want give.

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PRELIMINARY PROGRAMME

Wednesday

18:00-19:30 Welcome and Keynote Lecture

Chairs: Lukas Kenner + tbd

Welcome:

Markus Müller (Rektor MUW)

Keynote Lecture:

Signaling pathways and inflammation in
the pathogenesis of cancer

Michael Karin (San Diego)

19:30-open Welcome Reception



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Thursday „Basic Track“

08:30-10:30 *Advanced Concepts in Molecular Pathology*

Chairs: Gerda Egger + tbd

Proteomics	Matthias Mann (Martinsried)
Tumor Heterogeneity and Genomics	Kojo Elenitoba-Johnson (Philadelphia)
Epigenomics	Peter Jones (Los Angeles)
Industry Slot	(tbd)

10:30-11:30 *Coffee*

11:30-13:30 *Advanced Concepts in Nuclear Medicine*

Chairs: Marcus Hacker + tbd

Next Generation of Nuclear Imaging Probes for Cancer Diagnosis and Therapy	Jason Lewis (New York)
PET with Radiolabeled Anticancer Drugs to Predict Therapy Response	Harry Hendrikse (Amsterdam)
In-vivo Target Quantification	Adrian Lammertsma (Amsterdam)
Industry Slot	(tbd)

13:30-15:00 *Lunch*

15:00-17:00 *Advanced Concepts in Clinical Pharmacology*

Chairs: Oliver Langer + tbd

Role of Transporters in Anticancer Drug Disposition: Drug-Drug Interactions and Pharmacogenetics	Ingolf Cascorbi (Kiel)
Use of PET Microdosing in Anticancer Drug Development	Mats Bergström (Uppsala)
Approaches to Overcome the Blood-Brain Barrier to Improve Brain Delivery of Anticancer Drugs	Olaf van Tellingen (Amsterdam)
Industry Slot	(tbd)

19:00 *“Heuriger” (Wine Tavern) Evening*



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Friday Clinical Applications Track

08:30-10:30 *Applying Diagnostics to Prostate Cancer – a Case Scenario*

Chairs: Markus Mitterhauser + tbd

From man to mice and back:

Why model systems matter in pathology!

Lukas Kenner (Vienna)

Radiopharmaceuticals for Theranostics

in Prostate Cancer

John Babich (New York)

Tumor Detection and In-Vivo Tissue Characterization

using PET/MRI

Markus Hartenbach (Vienna)

Industry Slot

(tbd)

10:30-11:30 *Coffee*

11:30-13:30 *Predicting Response to Targeted Therapy – Clinical Trials*

Chairs: Christoph Zielinski + tbd

Individualized Treatment of Solid Tumors:

The EXACT-Trial

Gerald Prager (Vienna)

Molecular Imaging for Drug Development

Elisabeth De Vries (Groningen)

Imaging Target Expression and Inhibition: Predictive

and Pharmacodynamic Biomarkers

Johannes Czernin (Los Angeles)

Industry Slot

(tbd)

13:30-15:00 *Late Austrian Lunch*

15:00-17:00 *Novel Tools – Target Definition*

Chairs: Markus Zeitlinger + tbd

Liquid Biopsies

Michael Speicher (Graz)

Metabolomics

Lewis Cantley (New York)

Nuclear Imaging Omics

Bernd Pichler (Tübingen)

Industry Slot

(tbd)

17:00-17:30 *Summary and Closing Remarks*

Megan Lim (Philadelphia)

18:30-19:30 *Farewell*



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