

2nd Donau Symposium & 3rd CBmed Biomarker Conference 2018



Final Programme

Convergent Engagement for Advanced Biomarker Development
“Towards Quantitative Data-Driven Next-Generation Biomarkers”

Date: 14. – 16. March 2018
Location: Vienna, Park Hyatt Vienna

Early Organizing Committee (alphabetical order):

Thomas Beyer, Johannes Czernin, Elisabeth de Vries, Marcus Hacker, Lukas Kenner, Markus Mitterhauser, Bernd Pichler, Wolfgang Wadsak

WORD OF WELCOME – SYMPOSIUM DESCRIPTION

Objective. Modern predictive and preventive medicine as well as personalized patient care depend on access to state-of-the-art diagnostics including molecular imaging, molecular pathology, laboratory medicine and deep phenotyping methods. While being in active pursuit by several groups, these fields cannot be regarded as independent anymore; instead a convergent approach appears most promising in bringing together specialty expertise that previously has advanced autonomously.

Moreover, a number of novel and effective pharmaceuticals for therapeutic interventions are available today that can be used more effectively in specific patients if we improve our a priori understanding of tumour characteristics. Through a priori patient selection we are more likely to increase treatment response and survival rates.

This meeting will highlight important aspects of image based and other noninvasive biomarker derivation and quantification in the context of expanding our understanding of disease mechanisms and the definition of appropriate therapeutic strategies. The 2nd Danube Symposium takes place in close succession of the 2016 Danube Symposium on “Applied Diagnostics for effective cancer treatment”. This meeting will be co-organized for the first time in conjunction with the Innovation Track from the International Tübingen PET/MR workshops that took place on an annual base since 2012.

Furthermore, the CBmed Biomarker Conference which is held for the 3rd time is also integrated within the programme. Highlights of the 2018 meeting include dedicated sessions on non-invasive biomarker development, standardization and quantification, data sharing and knowledge generation from big data as well as novel data processing and integration strategies. Roundtable discussions on hot topics, including the need to align on educating the next generation of molecular diagnostics experts will add to the portfolio of events. This meeting is open to free papers, which are presented as posters and rapid fire talks.

This 2nd “Danube Symposium” meeting, together with the 3rd CBmed Biomarker Conference, intends to provide a forum to open-minded experts both from academia and industry in the field of molecular pathology, laboratory medicine, 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.

Organising Secretariat:

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*The “2nd Donau Symposium” will be accredited with 14 DFP points.
Final approval from the Austrian Medical Chamber is pending.*

For any further information and/or updates please visit: www.applied-diagnostics.eu

GENERAL INFORMATION

Registration fee

Registration Type	Registration Fee
Full registration	€ 280,-
Trainees	€ 150,-
Technologists, Students	€ 150,-
Single-Day Ticket (Only onsite available)	€ 180,-

The fee includes: registration fee & congress material

Online registration will start mid November at www.applied-diagnostics.eu.

Cancellation of Registration

Any cancellation must be notified in writing to the agency dealing with the registrations and payments:

In the event of cancellation before January 1, 2018 we will refund your registration fee minus a 50% charge for administrative proceedings. Please do not expect this kind of financial settlement until after the congress. After January 1, 2018 cancellations will not be possible.

Abstract Submission (deadline January 31st, 2018):

We are very much looking forward to receiving your numerous abstracts to the main topics of the 2nd Donau Symposium being- Molecular Imaging:

- Molecular Pathology
- Genomics
- Proteomics
- Radiomics
- Artificial intelligence and Big data
- Cancer Therapies
- Disease characterization
- Biomarker development
- Clinical trials
- Healthcare economics
- Imaging System methodology
- Fully-integrated imaging

Abstract submission will start mid November at: www.applied-diagnostics.eu

PRELIMINARY PROGRAMME

Wednesday, 14th March 2018

**18:00-19:30 Welcome and Opening
Key Note**

M Hacker and T Pieber

*Opportunities for Molecular Imaging and
Theranostics in the Era of Precision Medicine*

R Hicks (Melbourne)

19:30-open Welcome Reception

Thursday, 15th March 2018

TRACK 1: DISEASE CHARACTERIZATION

08:30-10:30 Liquid Biopsy vs. Tissue Probes vs. Molecular Imaging

Moderator Kick-off	M Hacker, L Kenner (Vienna)
Liquid Biopsy	A Babayan (Hamburg)
Tissue	K Elenitoba-Johnson (Philadelphia)
Molecular Imaging	B Pichler (Tübingen)
Moderated Discussion	

10:30-11:30 Coffee

11:30-13:30 Next-Generation Biomarkers (CBmed Biomarker Conference)

Moderator Kick-off	W Wadsak, M Brehme (Vienna/Graz)
Innovations in Biobanking – how can imaging data contribute?	K Zatloukal (Graz)
Molecular Imaging and Omics – a perfect match?	J Czernin (LA)
Digital Biomarkers – Patient data mining & precision medicine	S Schulz (Graz)
Interactomics – network analysis in biomarker research	U Stelzl (Graz)
Moderated Discussion	

13:30-14:00 Rapid Fire Session (10x scientific abstracts; 3min each)

14:00-15:30 Lunch plus Moderated (tbd) Posters

TRACK 2: BIOMARKER AND TREATMENT

**15:30-17:00 Standardization and Quality in Biospecimens
(CBmed Biomarker Conference)**

Moderator Kick-off	S Narath (Graz)
The Needs for Standardized Preanalytics in Biobanking	H Haslacher (Wien)
Standardized preanalytics in biomarker research	U Oelmüller (Qiagen)
The Role of Mass Spectrometry in Quality Assessment and Analytics	A Jacan (Graz)
Moderated Discussion	

17:00-18:30 Fireside Round Table: Education in Molecular Diagnostics

What is needed to breed the next generation of experts in molecular diagnostics?
Moderators K Nikolaou (Tüb) and J Czernin (Los Angeles)

Representatives of main organizations:
C Herold (RAD), O Wagner (Lab Med), R Kain (Pathology), M. Hacker (NUK),
M Mitterhauser (LBI Applied Diagnostics), M Sibilgia (MOL-BIO), B Pichler (Tüb)

19:00

Heuriger Abend – Symposium Dinner

Friday, 16th March 2018

08:30-10:30 New therapeutic approaches.

Moderator Kick-off	B Pichler (Tübingen)
Tracers to target the Immune system	R Schibli (Zurich)
Targeting the Immune system—clinical perspective	H Salih (Tüb)
Imaging the Immune System – II	tbc
Emerging Immuno-therapies	tbc
Molecular Targeted therapies & Imaging	tbc
Moderated Discussion	

10:30-11:30 Coffee

TRACK 3: EVIDENCE AND ETHICS

11:30-13:30 What scientists usually do not consider: Socioeconomic challenges in biomarker development and patient care

Moderator Kick-off	M Zeitlinger (Vienna)
Cost effectiveness aspects of biomarker development	J Simon (Vienna)
Precision medicine: mapping the ethical challenges	A Buyx (Kiel)
Demonstrating the value of diagnostics to health systems: lessons learnt from a cost-effectiveness evaluation in prostate cancer (PROMIS study)	M Soares (York)
The role of biomarkers in future medicine - the paradigm of predictive medicine and its ethical challenges	M Langanke (Greifswald)
Moderated Discussion	

13:30-14:00 Summary and Closing Remarks M Lim (Philadelphia)

14:00-15:30 Farewell Lunch