PRELIMINARY PROGRAMME

Thursday, March 19th

08:30-09:00 **Opening Ceremony** (Marcus Hacker - MUW, Martin Jung - AIT)
Speakers: Michaela Fritz (MUW)
 Wolfgang Knoll (AIT)

09:00-09:30 **Keynote Lecture**
"*The New Diagnostic Concept in Oncology: From cells to systems" (Klaus Pantel, Hamburg)*

09:30-11:00 ***Liquid Biopsy Diagnostics***
i. RNA in Liquid Biopsies for Precision Medicine Purposes (Jo Vandesompele; Ghent)
ii. A market perspective on the future of liquid biopsies (Christian Hense, Universal Dx)
iii. Current and future perspectives of liquid biopsies in genomics-driven oncology (Ellen Heitzer, Graz)
iv. Short Presentation (selected from abstracts)

11:00-11:30 Coffee Break

11:30-13:00 ***Whole Organism Imaging***
i. Large Field of View PET: Revolution in Molecular Imaging (Sibylle Ziegler, Munich)
ii. Imaging Biomarker Development (Andreas Kjaer, Copenhagen)
iii. Imaging humoral and cellular Inflammation (Bernd Pichler, Tübingen)
iv. Short Presentation (selected from abstracts)

13:00-14:30 Lunch plus Posters

14:30-16:00 ***Biomarkers of Systemic Signaling Pathways***
i. Tumor-Organ Communication (Tba)
ii. Heart-Brain Axis (Frank Bengel, Hannover)
iii. Disease-Disease Relationship (Jörg Menche, Vienna)
iv. Short Presentation (selected from abstracts)

16:00-16:30 Coffee Break

16:30-18:00 **Biomarkers and Drug Development**
i. From Drug Development to Clinical Application (Johannes Czernin, LA, USA)
ii. The Role of Imaging Probes in Drug Development (Uwe Haberkorn, Heidelberg)
iii. Biomarker and Translational Science at Boehringer Ingelheim (Vittoria Zinzalla, Vienna)
iv. Short Presentation (selected from abstracts)

19:00-23:00 Symposium Dinner at Winery

Friday, March 20th

09:00-10:30   ***Predictive Biomarkers – The Evidence***
            i. Predictive Biomarker – What is it? (Judith Simon, MUW)
            ii. in Oncology (Tba)
            iii. in Endocrinology (Barbara Obermayer-Pietsch, Graz)
            iv. in Neuropsychiatry (Osama Sabri, Leipzig)

10:30-11:00   Coffee Break

11:00-12:30   ***Big Data & Systems Medicine***
            i. Selection of Combination Drug Therapies for HIV Patients with machine learning (Thomas Lengauer, Saabrücken)
            ii. Data science enabling personalized medicine (Andreas Kremer, Luxembourg)
            iii. TBA
            iv. Short Presentation (selected from abstracts)

12:30-14:00   Lunch plus Posters

14:00-15:30   ***Personalized Medicine and Point-of-Care Diagnostics***
            i. Innovative POC Technologies: An Overview on New Revolutionary Products (Peter Luppa, München)
            ii. Regulatory Challenges in Diagnostic Kit development (Andreas Stange, Tokyo)
            iii. Tba
            iv. Short Presentation (selected from abstracts)

15:30-16:00   **Poster Award, Summary and Closing** (Mitterhauser - LBI:AD & Nöhammer - AIT)