

The congress in Tübingen will address different topics including high-throughput methods and data analysis, functional imaging in multiomics approaches, application of PM in clinical decision making and translation of PM into clinical trials in state of the art **lectures**, hands on **workshops** and interactive **discussion** rounds.

Personalised medicine is no longer an abstract concept, it is becoming reality.

We invite you to be part of this development:



Register Now



www.uni-tuebingen.de/en/67501

WORK SHOPS

- » Texture Analysis in Multimodal Imaging and the Combination of Imaging and Omics
- » Individualized Drug Development: Fiction, Facts and Future
- » Personal Cancer Genomics: "Next generation sequencing: from basics to clinical application."

CONFIRMED SPEAKERS

- L. Hood** (*Institute for Systems Biology, Seattle, WA*)
»Key note on PM«
- H. Kroemer** (*Chairman of Research and Dean of the Faculty of Medicine, Göttingen, Germany*)
»Translation of PM into clinics – Role of Information Technology«
- L. Rudolph** (*Director of the Leibniz Institute on Aging – Fritz Lipmann Institute (FLI), Jena, Germany*)
»Aging in individual health and well-being«
- H. Koseki** (*Deputy Director RIKEN IMS (Integrative Medical Science) Tokyo, Japan*)
»Personalized Preventive Medicine: Modeling Chronic Dermatitis«
- H.G. Rammensee** (*Director of the Department of Immunology Tübinge, Germany*)
»Individualized Immunotherapy«
- M. Schwab** (*Head of the Dr. M. Fischer-Bosch-Inst. of Clinical Pharmacology (IKP) Stuttgart, Germany*)
»Pharmacogenomics«
- M. Willmann** (*Group leader Clinical Microbiology and Epidemiology of Infectious Diseases, University of Tübingen*)
»Metagenomics for antibiotic selection pressure determination«
- D. Döcker** (*Practice of Human Genetics Tübingen, Germany*)
»Personalized Oncology«
- R. Balling** (*Director of the Luxembourg Centre for Systems Biomedicine (LCSB)*)
»Big Data and Systems Medicine«
- A. Keller** (*Head of The Chair for Clinical Bioinformatics, Saarland University, Germany*)
»From Genomics to Systems Analysis«
- O. Kohlbacher** (*Director Quantitative Biology Center (QBIC) Tübingen, Germany*)
»Applied Biomedical Data Analysis«
- B. Pichler** (*Director of the Dept. of Preclinical Imaging and Radiopharmacy Tübingen, Germany*)
»Translation of Preclinical Multimodal Imaging«
- F. Gallagher** (*University of Cambridge and CRUK Cambridge Research Institute Cambridge, UK*)
»New Imaging Techniques for Personalised Medicine, hyperpolarized MR«
- S. Trattnig** (*Medical Director of the Centre of Excellence in high-field MR Medical University of Vienna, Austria*)
»Cutting-edge MR Technologies for Precise Diagnosis and Disease Staging«
- T. Dingermann** (*Pharmaceutical Biology, Goethe University Frankfurt, Germany*)
»Need for translation: Pharmacotherapy must be based on pharmacogenetic biomarkers«
- L. Zender** (*Head of the Division of Translational Gastrointestinal Oncology Tübingen, Germany*)
»Clinical Drug Discovery«

SPONSORS



Day 1

18th May 2016

Introduction	12:00 am
Personalized Medicine: An Introduction	
Lunch	
Work Shops	01:30-05:00 pm
» Texture Analysis in Multimodal Imaging and the Combination of Imaging and Omics	
» Individualized Drug Development: Fiction, Facts and Future	
» Personal Cancer Genomics: "Next generation sequencing: from basics to clinical application."	

Day 2

19th May 2016

Registration	from 08:00 am
Opening	08:45-09:00 am
Session 1	Personalised Medicine – current state
L. Hood	»Key note on PM«
H. Kroemer	»Translation of PM into clinics – Role of Information Technology«
L. Rudolph	»Aging in individual health and well-being«
H. Koseki	»Personalized Preventive Medicine: Modeling Chronic Dermatitis «
Coffee break / poster exhibition / industry exhibition	
Session 2	High-Throughput Methods in Individual Treatment
H.G. Rammensee	»Individualized Immunotherapy«
M. Schwab	»Pharmacogenomics«
M. Willmann	»Metagenomics for antibiotic selection pressure determination«
lunch break / poster exhibition / industry exhibition	
Session 3	Big Data and Data Analysis
R. Balling	»Big Data and Systems Medicine«
A. Keller	»From Genomics to Systems Analysis«
O. Kohlbacher	»The iVac platform - Integrating HT-data for personalized cancer vaccines«
HJ. Ruscheweyh	»Automated Data Analysis in Cancer Genomics« (<i>Short Talk</i>)
coffee break / poster exhibition / industry exhibition	
Postersession	05:00- 06:00 pm
get together	food & drinks
	from 06:00 pm

Day 3

20th May 2016

Registration	from 08:00 am
Session 4	Imaging Technologies for Personalised Medicine
B. Pichler	»Translation of Preclinical Multimodal Imaging«
F. Gallagher	»New Imaging Techniques for Personalised Medicine, hyperpolarized MR«
S. Trattnig	»Cutting-edge MR Technologies for Precise Diagnosis and Disease Staging«
tbc	»Short Talk« (<i>Short Talk</i>)
Coffee break / poster exhibition / industry exhibition	
Session 5	The Need for Individualized Concepts
T. Dingeremann	»Need for translation«
D. Döcker	»Personalized Oncology«
tbc	»Theranostiks«
L. Zender	»Clinical Drug Discovery«
Closing	01:30-01:45 pm