



Conference host

The conference and the preconference workshop entitled „Lipidomics for Biomarker and Clinical Analysis“ are hosted by the Institute for Laboratory Medicine and Transfusion Medicine at the University Hospital Regensburg.

<http://www.ukr.de/kliniken-institute/klinische-chemie/index.php>

Conference venue

Lecture Hall A2
University Hospital Regensburg
Franz-Josef-Strauß-Allee 11,
D-93053 Regensburg, Germany

Fees

Participant	Early	Late
Doctoral fellows	80 €	130 €
Postdocs (under 40)	100 €	150 €
Other researchers	150 €	200 €
Industry	300 €	350 €

Early registration ends on **April 1, 2014.**

Deadlines

Early registration: **April 1, 2014**
Late registration: **May 15, 2014**
Abstract submission: **May 15, 2014**



Registration

For registration please visit the website of the conference and follow the guidelines.

The registration fee covers the participation including lunches and coffee breaks during the conference.

The conference follows the preconference workshop „Lipidomics for Biomarker and Clinical Analysis“ held in Regensburg on July 1-3, 2014.

**For registration please consult
conference and workshop website
www.multiomics.ukr.de**



Contact:

Conference secretariat
Institute for Laboratory Medicine
and Transfusion Medicine,
University Hospital Regensburg
Franz-Josef-Strauß Allee 11,
D-93053 Regensburg, Germany
Phone: +49-941-944-6200/6201
Fax: +49-941-944-6202
E-mail: gerd.schmitz@ukr.de

Second announcement

University Hospital
Regensburg

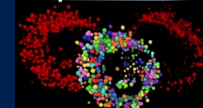
Regensburg, Germany

Healthcare Integrated Biobanking and Multiomics Biomarker Analysis

International
conference

Start: July 3, 2014
End: July 5, 2014

LipidomicNet



Healthcare Integrated Biobanking and Multiomics Biomarker Analysis (July 3-5, 2014)

Conference program

Day 1: July 3, 2014

13:00 -13:10 Introduction
Gerd Schmitz (Regensburg, Germany)

13:10-15:15 S1: Health-care integrated biobanking

Thomas Illig (Hannover, Germany): Biobanking in multi-omics studies: lessons from cardiovascular diseases

Joachim Thiery (Leipzig, Germany): Biobanking and metabolomics from newborn screening to health-care

Michael Kiehntopf (Jena, Germany): Biobanking and targeted metabolomics for discrimination of systemic inflammatory disorders in critically ill patients

Michael Neumaier (Mannheim, Germany): Cryostability of analytes in long term biobanking

Short presentation from abstracts

15:15 -15:45 *Coffee break*

15:45-17:55 S2: Transcriptomics and epigenetics

Assam El-Osta (Melbourne, Australia): Epigenetic implications for the diabetes syndrome

Andrew J. Pospisilik (Freiburg, Germany): Epigenetic control by histone methylation

Antonio Moschetta (Bari, Italy): The opportunities and caveats of multigenic nuclear receptor regulation as therapeutic targets

Short presentations from abstracts

18:00-open end: *Poster session with wine & cheese*

Day 2: July 4, 2014

08:30-10:40 S3: Proteomics in civilization disorders

Helmut Meyer (Dortmund, Germany): Proteomic profiling differentiates hepatic steatosis, steatohepatitis and hepatocellular carcinoma

Day 2: July 4, 2014 (continued)

Jens Wiltfang (Göttingen, Germany): Protein biomarkers in neurodegenerative diseases

Jochen Klucken (Erlangen, Germany): Alpha-synuclein and related proteins in the pathogenesis of Parkinson's disease

Christoph H. Borchers (Victoria, Canada): MRM-based plasma proteomics in microbial infection and inflammation

Short presentations from abstracts

10:40 -11:00 *Coffee break*

11:00-12:55 S4: Membrane microdomains and extracellular vesicles

Elina Ikonen (Helsinki, Finland): Membrane microdomains and vesicular traffic in cellular models of Alzheimer's disease

Edit Buzás (Budapest, Hungary): Extracellular vesicles in inflammation and autoimmunity

Anette Draeger (Bern, Switzerland): The "annexin-survival package": plasma membrane repair and cellular damage control

Susanne Heimerl (Regensburg, Germany): Platelet-derived extracellular vesicles: implications to platelet transfusion and diseases

Short presentation from abstracts

13:00 -14:00 *Lunch break*

14:00-15:55 S5: Organelle lipidomics

Rudolf Zechner (Graz, Austria): Lipid droplets and diabetes

Evelyn Orsó (Regensburg, Germany): Endolysosomal lipids and phospholipidosis

Michael Schlame (New York, USA): Endoplasmic reticulum and mitochondrial function in health and disease

Ronald J. A. Wanders (Amsterdam, The Netherlands): Peroxisomal function in health and disease

Short presentation from abstracts

15:55 -16:15 *Refreshments*

Day 2: July 4, 2014 (continued)

16:15 -16:40 **Keynote lecture: Gerd Schmitz** (Regensburg, Germany): High-density lipoproteins: from reverse cholesterol transport to extracellular vesicle release and remodelling in vascular disease

19:00-open end: *Gala-Dinner*

Day 3: July 5, 2014

08:30-10:40 S6: Lipidomics in vascular and metabolic diseases

N N (Town, Country): Surrogate markers of vascular and metabolic diseases: lessons from population genetic and lipidomic studies

Christian Wolfrum (Zürich, Switzerland): Major players of cellular lipid traffic in obesity: from mouse to man

Luigi Iuliano (Latina, Italy): Oxysterols and non-alcoholic fatty liver disease

Silke Matysik (Regensburg, Germany): Lipidomic "cascade" screening of plasma sterols: diagnostic stratification and therapeutic monitoring

Short presentations from abstracts

10:40 -11:00 *Coffee break*

11:00-13:00 S7: Cellular stress management & lipotoxicity

Anna Nicolaou (Manchester, UK): Short-lived signalling lipids in inflammation

Ira J. Goldberg (New York, USA): Sphingolipids, lipotoxic cardiomyopathy and cardiac failure

Pablo V. Escribá (Palma de Mallorca, Spain): Lipid microdomains, ER stress and autophagy in cancer cell therapy

Gábor Balogh (Szeged, Hungary): Lipids, as key players in cellular heat stress management

Short presentations from abstracts

13:00 Closing remarks