



Österreich-Tschechische Republik

Europäischer Fonds für regionale Entwicklung

We acknowledge funding through the ERDF Project ATCZ-52 METABO-BL
Infrastruktur für Metabolomik-Forschung und medizinische Chemie

INVITATION

Dear Project Partners, dear Colleagues, dear Ladies and Gentlemen,

Within the framework of the cross-border project ATCZ-52 METABO-BL
“Infrastruktur für Metabolomik-Forschung und medizinische Chemie/
Infrastruktura pro metabolomický výzkum a lékařskou chemii” the Institute of
Analytical Chemistry (JKU) kindly invites you to the

1st Austrian-Czech Metabolomics-Workshop

May 23rd-24th 2018

Johannes Kepler University Linz

This meeting will provide you with two days of discussion, exchange of
knowledge and plenty of room for developing new plans for future co-
operations.



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Program for 23.05.2018

10:00 Welcome to the guests from Budejovice -Seminar Room of the Institute of Analytical Chemistry, JKU Campus (for location see map at the end of invitation)

10:30 Presentation of the infrastructure for metabolomics and discussion of ongoing projects

12:00 Lunch at the University hospital (“MedCampus”)

12:30 Information tour at the University hospital, visit of the Central Medical Research facilities

14:00 Visit of the Clinical Lab of the University Hospital at the NeuromedCampus

15:00 Return to JKU Campus, Discussion of potential joint projects and project-related issues

16:00 Seminar Lecture by Petr Simek, title: “Novel derivatization reactions for metabolomics analysis”

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Program for 24.05.2018 (University Center 2nd floor, Loft C)

(for location see map at the end of invitation)

10:00 Welcoming address to all participants by **Prof. Norbert Müller** (Dean Faculty of Science, JKU) and **Prof. Wolfgang Buchberger** (Head of Institute of Analytical Chemistry, JKU)

10:20 Petr Simek (Biology Center, Ceske Budejovice)

HPLC/MS/MS metabolite profiling of steroid sulfates and glucuronides in human plasma and urine

10:50 Christopher Gerner (Institute of Analytical Chemistry, University Vienna)

The power of integrative multi-omics analyses for diagnostic and prognostic purposes

11:20 Marc Fahrner (Institute of Biophysics, JKU)

A dual mechanism promotes switching of the Stormorken STIM1 R304W mutant into the activated state

11:40 Petr Rathner (Institute of Organic Chemistry, JKU)

Stormorken syndrome, a rare genetic disease studied by high field Nuclear Magnetic Resonance

12:00 Lunch at the University Mensa

13:00 David Bernhard (Center of Medical Research, JKU)

Metabolomics & MALDI Imaging in Medical Research

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13:30 Wolfgang Schöfberger (Institute of Organic Chemistry, JKU)

Synthesis of polymers and drugs for cancer (immuno) therapy

14:00 Bernd Reichl (Institute of Analytical Chemistry, JKU)

*Analysis of phosphatidylcholine species in cerebrospinal fluid from
pediatric brain tumor patients*

14:20 Armin Guntner (Institute of Analytical Chemistry, JKU)

Quantitation of Pharmaceuticals for Cerebral Pharmacokinetic Studies

14:40 Closing remarks

