

Press release

1st International Metabolomics Symposium in Germany

Freising-Weihenstephan, November 10, 2009: The Munich Functional Metabolomics Initiative represented by the Z I E L Research Center for Nutrition and Food Sciences of the Technische Universität München (TUM) as well as the Helmholtz Zentrum München are pleased to announce the international symposium “Metabolomics & More – the Impact of Metabolomics on the Life Sciences”, to be held from March 10 – 12, 2010 on the campus of the TUM in Freising-Weihenstephan, Germany.

Metabolomics is the analysis of metabolite profiles in biological samples. They are considered to serve as unique chemical fingerprints and represent the intermediates and products of metabolism. It offers a broad range of applications for different scientists in different fields of research, such as biomarker determination to indicate diseases or quality control in food industry.

The conference, which is held in Germany for the first time, will focus on new analytic methods, late-breaking discoveries, as well as challenges and pitfalls in metabolomics studies. “While coordinated national efforts of research were initiated in many countries, Germany does not have a visible national and international perception so far, despite a number of outstanding academic and industrial working groups within the range of the Metabolomics”, states Prof. Dr. Hannelore Daniel, Chair of Molecular Nutrition, TU München, who contributes to the realization of the symposium with her participation.

A special focus of the conference is the application of Metabolomics in diagnostics and in nutrition and food research, the progress of analytics, the efforts of standardising processes in Metabolomics-studies, as well as the presentation of national Metabolomics initiatives in other countries.


This 2½ day conference is an excellent opportunity for meeting metabolomics experts from all over the world, sharing opinions on break-through technologies, challenges and pitfalls; it also is an opportunity for networking, collaboration and for sharing technical information.


“Therefore, I look forward to welcoming as many colleagues as possible to Freising-Weihenstephan in March,” says Dr. Philippe Schmitt-Kopplin, Institute of Ecological Chemistry, German Research Center for Environmental Health.


The Organizing Team:


We extend a warm welcome to all our colleagues in academia and industry who share our interest in metabolomics in all life science disciplines.

The Organizing Team:


Prof. Dr. Hannelore Daniel
Chair of Molecular Nutrition
TU München


Prof. Dr. Thomas Hofmann
Chair of Food Chemistry and
Molecular Sensory Science,
TU München


Dr. Philippe Schmitt-Kopplin
Institute of Ecological Chemistry,
German Research Center for
Environmental Health
(Helmholtz Zentrum München)


Prof. Dr. Karsten Suhre
Professor for Bioinformatics (LMU),
Institute of Bioinformatics and Systems Biology,
German Research Center for Environmental Health
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Sponsored by:

Biocrates Life Sciences, BASF, Metanomics Health, Bio^M, Kraft Foods, Bruker, Leco Instrumente, Sartorius Stedim Biotech, SeQuant, DSM, Nestlé

Registration:

The registration form is available on www.metabolomics-and-more.de. By registering until December 31st, 2009 the registration fee is 150 Euro for students and 290 Euro for non-students. After this date the fee will be 190 Euro for students and 390 Euro for non-students.

About the Munich Functional Metabolomics Initiative (Mufumet)

“Mufumet” is a consortium of scientists from academia and industry. The initiative is dedicated to promoting metabolomics research at all levels of complexity. The group comprises experts from analytics, structural biology, biochemistry, food chemistry, human nutrition and eco-toxicology that study metabolites for the sake of understanding their structure, their concentrations, their interdependence and their dynamics in biological systems.

About Z I E L, Research Center for Nutrition and Food Science

Z I E L is a central institution at the Technische Universität München (TUM). It operates under the auspices of the University Management of TUM and is headed by a team of three academic directors. Z I E L is organised in seven research units comprising Biochemistry, Nutritional Medicine, Biofunctionality, Microbiology, Physiology, Technology and Bioanalytics.

About Helmholtz Zentrum München

Helmholtz Zentrum München is the German Research Center for Environmental Health. As leading center oriented toward Environmental Health, it focuses on chronic and complex diseases which develop from the interaction of environmental factors and individual genetic disposition.

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