

# Metabolomics Symposium 2018 — Applications in Clinical Research and Life Sciences

April 10<sup>th</sup> (12h-17h30h) & April 11<sup>th</sup> (9h-14h)  
Leiden University, Faculty of Sciences, Room EM1.09  
Einsteinweg 55 – 2300 RA Leiden - The Netherlands

SCIEX and the Leiden University – Leiden Academic Center for Drug Research LACDR invite you to learn about the latest applications for mass spectrometry in metabolomics:

- Discussion of cutting edge metabolomics applications in Clinical Research and Life Sciences
- State of the art mass spectrometry based techniques in Metabolomics
- Hear today's key opinion leaders describe how they are advancing their research\*

## Tuesday 10<sup>th</sup> April

- 12:00**     **Welcome Lunch**
- 13:00**     **Registrations**
- 13:30**     **SCIEX Introduction**  
*Joseph Fox, SVP Global Sales & Service, SCIEX*
- 13:45**     **Introduction to the LACDR**  
*Hubertus Irth, Scientific director, LACDR, Leiden University*
- 14:00**     **Metabolomics and organ-on-a-chip enabling personalized prevention and medicine**  
*Thomas Hankemeier, Head of Analytical Biosciences, LACDR, Leiden University*
- 14:30**     **MS-DIAL software for deconvolution of LC-SWATH-MS/MS data in metabolomics**  
*Tomas Cajka, Head of Dpt. of Metabolomics at the Institute of Physiology CAS, Prague, Czech Republic*
- 15:00**     **Lipidomics in health and diseases**  
*Martin Giera, Associate Professor, LUMC, Center for Proteomics and Metabolomics*
- 15:30**     **Break**

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- 16:00**    **A Unique Labeling Technology combined with TripleTOF® 6600 System for Untargeted Metabolomics delivering unambiguous metabolite identification**  
*Cyrus Papan, Support Specialist Lipidomics & Metabolomics, SCIEX*
- 16:30**    **The combination of data independent acquisition, ion mobility and electron-based dissociation in metabolomics**  
*Anita Hidasi, Post Doc, Life Sciences Mass Spec., Dpt of Inorganic and Analytical Chemistry, Univ. of Geneva*
- 17:00**    **Metabolomics in Alzheimer's disease: the potential role of lysophosphatidic acids**  
*Isabelle Kohler, Assistant Professor, LACDR, Leiden University*
- 18:00**    **Social Event @LACDR**  
**20:00**

## Wednesday 11<sup>th</sup> April

- 09:00**    **Towards the systems pharmacology of the endocannabinoid system by employing LC-MS based strategies**  
*Vasudev Kantae, PhD Student, LACDR, Leiden University*
- 09:30**    **SWATH® Acquisition Improves Metabolite Coverage over Traditional DDA for Untargeted Metabolomics**  
*Jörg Dojahn, Manager, Application Support Omics & Biopharma, Central Europe, SCIEX*
- 10:00**    **Coffee Break**
- 10:30**    **Resolving Volume-restricted Metabolomics using Sheathless Capillary Electrophoresis–Mass Spectrometry**  
*Rawi Ramautar, Assistant Professor, LACDR, Leiden University*
- 11:00**    **Metabolomics to decipher the neurochemistry of brain function**  
*Julijana Ivanisevic, Metabolomics Platform Coordinator, University of Lausanne, Metabolomics Unit*
- 11:30**    **Measuring the masses in metabolomics: metabolite identification and human metabolic phenotyping**  
*Dr Warwick (Rick) Dunn, School of Biosciences and Phenome Centre Birmingham, University of Birmingham, UK*
- 12:00**    **Wrap-Up & Lunch Bags**  
**Lab Tour (Optional)**
- 12:30**    **End**

Register today at <https://sciex.com/events/metabolomics-seminar-leiden-2018>