

## 3<sup>rd</sup> MASS SPECTROMETRY WORKSHOP

**MOBI4Health** – Centre of Molecular Biotechnology for Healthy Life  
17 – 19 MARCH 2015, GDAŃSK

**Venue:** IFB UG & MUG, Kładki 24, Gdańsk

### WORKSHOP PROGRAMME

#### 17 MARCH (Tuesday) – PRACTICAL CLASSES

(for IFB UG & MUG and MOBI4Health Partners ONLY)

08:30 – 09:00 *Registration – Group 1*

09:00 – 10:30 **GROUP 1:** Discovery Metabolomics using TripleTOF Technology (TripleTOF 5600+)  
**Quentin Enjalbert**, Sciex  
(room 4)

10:30 – 10:45 *Coffee break*

10:45 – 12:15 **GROUP 1:** Lipidomics Analysis using Differential Mobility Spectrometry (QTRAP™ 6500)  
**Cyrus Papan**, Sciex  
(room 4)

12:15 – 12:45 *Registration – Group 2*

12:45 – 14:15 **GROUP 2:** Discovery Metabolomics using TripleTOF Technology (TripleTOF 5600+)  
**Quentin Enjalbert**, Sciex  
(room 4)

14:15 – 14:30 *Coffee break*

14:30 – 16:00 **GROUP 2:** Lipidomics Analysis using Differential Mobility Spectrometry (QTRAP™ 6500)  
**Cyrus Papan**, Sciex  
(room 4)

In cooperation with



*This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 316094*

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### WORKSHOP PROGRAMME

#### 18 MARCH (Wednesday) – OPEN LECTURE SESSION

**Chair:** Prof. dr hab. Krzysztof Bielawski, Coordinator of the MOBI4Health Project

- 08:30 – 09:00 *Registration & Morning Coffee*
- 09:00 – 09:10 Welcome  
**Prof. dr hab. Igor Konieczny**, Dean of IFB UG & MUG / **Prof. dr hab. Michał Obuchowski**, Associate Dean of IFB UG & MUG
- 09:10 – 10:00 What the transcriptome does not tell – the metabolome is closer to the phenotype  
**Prof. Ivo Feussner**, University of Gottingen
- 10:00 – 10:50 Dr. Ehrlich's magic bullet against cancer - is it possible..?  
**Prof. Roman Zubarev**, Karolinska Institute
- 10:50 – 11:10 *Coffee break*
- 11:10 – 12:00 Mass Spectrometric Elucidation of Antibody Recognition Structures  
**Dr Andreas Marquardt**, University of Konstanz
- 12:00 – 12:50 How does stress affect the plants lipidome  
**Prof. Ivo Feussner**, University of Gottingen
- 12:50 – 13:40 Labeling with stable isotopes in post translational modifications research  
**Dr Piotr Stefanowicz**, University of Wroclaw
- 13:40 – 14:20 *Light lunch*
- 14:20 – 15:10 Regulating the 20S Proteasome: A Mass Spectrometry Perspective  
**Dr Michal Sharon**, Weizmann Institute of Science
- 15:10 – 16:00 Solutions to „Overcome the Challenges in Metabolomics Research”  
**Cyrus Papan**, Sciex

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### WORKSHOP PROGRAMME

#### 19 MARCH (Thursday) – PRACTICAL CLASSES

(for participants from other institutions than IFB UG & MUG and MOBI4Health Partners)

08:30 – 09:00 *Registration – Group 1*

09:00 – 10:30 **GROUP 1:** Discovery Metabolomics using TripleTOF Technology (TripleTOF 5600+)  
**Quentin Enjalbert**, Sciex  
(room 4)

10:30 – 10:45 *Coffee break*

10:45 – 12:15 **GROUP 1:** Lipidomics Analysis using Differential Mobility Spectrometry (QTRAP™ 6500)  
**Cyrus Papan**, Sciex  
(room 4)

12:15 – 12:45 *Registration – Group 2*

12:45 – 14:15 **GROUP 2:** Discovery Metabolomics using TripleTOF Technology (TripleTOF 5600+)  
**Quentin Enjalbert**, Sciex  
(room 4)

14:15 – 14:30 *Coffee break*

14:30 – 16:00 **GROUP 2:** Lipidomics Analysis using Differential Mobility Spectrometry (QTRAP™ 6500)  
**Cyrus Papan**, Sciex  
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