

Agilent 2020 Virtual Omics Symposium

24 -25 November, 2020

AGENDA - DAY 1

"Omics" Workflows in Life Science, Food & Environmental applications

Doors will open at 9.30 am CET

09.30 - 09.45	Welcome and introduction to Agilent Metabolomics solutions <i>Steve Fischer</i>
09.45 - 10.15	Unveiling novel metabolic changes affecting the brain slices used for electrophysiological recordings through a multiplatform metabolomics approach <i>Prof Coral Barbas, Universidad Ceu-Sab Pablo (CEMBIO), Spain</i>
10.15 - 10.45	Providing large scale LC-MS for research and screening <i>Prof Nicola Zamboni, IMSB, ETH Zurich, Switzerland</i>
10.45 - 11.15	Zen and the Art of Mass Spectrometry: Quality Control in High Throughput Metabolomics with the Agilent 6560 <i>Dr. Karl Burgess. Senior Lecturer in Biological Mass Spectrometry, University of Edinburgh, UK</i>
11.15 - 11.45	High throughput LC-MS analysis to identify gut microbiome contributions to drug metabolism <i>Michael Zimmermann, EMBL Heidelberg, Germany</i>
11.45 - 12.15	UHPLC, Ion Mobility and All Ions fragmentation for the Identification of Maradolipids in Caenorhabditis elegans <i>Michael Witting, Helmholtz Centre Munich, Germany</i>
12.15 - 13.00	Opening of the virtual exhibition area
13.00 - 13.30	Unveiling the capabilities of Q-TOF GC/MS in metabolomics studies applied to rheumatoid arthritis <i>M^a Fernanda Rey-Stolle Valcarce, Universidad Ceu-Sab Pablo (CEMBIO), Spain</i>
13.30 - 14.00	Deciphering Mechanisms of Immunometabolism in Eukaryotes and Drug Resistance in Bacteria using Extracellular Flux Analysis and ¹³C Stable-Isotope Tracing <i>Gerald Larrouy Maumus, Imperial College, United Kingdom</i>
14.00 - 14.30	Do we really know the functional components of foods? A metabolomics insight into the "terroir" effect as well as the contribution of processing or digestion to health-promoting effects of polyphenols <i>Luigi Lucini, Università Cattolica del Sacro Cuore, Italy</i>
14.30 - 15.00	Metabolomics and multi-omics integration for understanding the exposome <i>Dr. Sonia Dagnino, Imperial College, UK</i>
15.00 - 15.30	Advancing the Exposome using mass spectrometry and complementary biological tools <i>Dr. Shi-Fen Xu, Agilent Technologies, China</i>
15.30 - 17.00	Virtual Exhibition

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AGENDA - DAY 2

Metabolomics Software Tutorials

Doors will open at 9.30 am CET

09.30 - 09.35 **Welcome**

09.35 - 10.15 **Getting to grips with Metabolomics; chromatography, detection, data analysis strategies and challenges**
Sufyan Pandor, Agilent Technologies, UK

10.15 - 10.55 **VistaFlux: a powerful tool for metabolomic flux analysis**
Hania Kaouri, Agilent Technologies, UK

10.55 - 11.35 **Lipid Annotator: Lipid annotation challenge is answered**
Hania Kaouri, Agilent Technologies, UK

11.35 - 12.15 **Data preparation of LC/MS and GC/MS data using MassHunter for multivariate analysis in Mass Profiler Professional (MPP)**
Praveen Kutty, Agilent Technologies, UK

12.15 - 13.00 **Opening of the virtual exhibition area**

13.00 - 13.40 **MassHunter Classifier a new workflow for detection of more than food adulteration**
Sufyan Pandor, Agilent Technologies, UK

13.40 - 14.20 **From MS1 to MSC – The Agilent Way of Compound Identification**
Andreas Mielcarek, Agilent Technologies, Germany

14.20 - 15.00 **Profiling environmental contaminants using GC-Q/TOF: Get the whole picture**
Joerg Riener, Agilent Technologies, Germany

15.00 - 17.00 **"Meet the Experts" & Exhibition**

This information is subject to change without notice.

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