

Track 1 :: Mozart 1-3		Track 2 :: Mozart 4-5		Track 3 :: Papageno		Track 4 :: Paracelsus		Track 5 :: Trakl		Track 6 :: Doppler	
TUESDAY :: SCIENTIFIC SESSION 1		TUESDAY :: SCIENTIFIC SESSION 1		TUESDAY :: SCIENTIFIC SESSION 1		TUESDAY :: SCIENTIFIC SESSION 1		TUESDAY :: SCIENTIFIC SESSION 1		TUESDAY :: SCIENTIFIC SESSION 1	
<b>Metabolomics</b> <i>Chair: Elizabeth Want</i>		<b>Quality &amp; Standardisation</b> <i>Chair: Jody van den Ouweland</i>		<b>Quantifying Proteins: Limits and Applications</b> <i>Chair: Eva Hunyadi-Gulyas</i>		<b>Practical Training: Basic</b> <i>Chair: Laura Owen</i>		<b>Practical Training: Intermediate</b> <i>Chair: Roland Geyer</i>		<b>Opens Wednesday</b> <i>Chair: N/A</i>	
15:00 15:20	<b>Altered Brain Metabolism in Alzheimer Disease: Linking Peripheral &amp; Central Metabolic Changes</b> Hector Gallart-Ayala, <i>Metabolomics Platform, University of Lausanne</i>	<b>Application of LC-MS/MS in Routine Clinical Diagnostics: Has it Lived Up the Expectations?</b> Eef Lentjes, <i>University Medical Center Utrecht</i>		<b>Quantifying Proteins in Dried Blood Spots</b> Andy Hoofnagle, <i>University of Washington</i>		<b>Basics of MS/MS</b> Laura Owen, <i>Univ. Hospital of South Manchester</i>		<b>Quality Assurance for Clinical LC MS-MS in Production - Why, What and How</b> Roland Geyer, <i>Univ. Institute of Clinical Chemistry, Inselspital, Bern Univ. Hospital, Univ. of Bern, Switzerland</i>		<b>Track Opens Wednesday</b> 15:00 15:20	
15:20 15:40	<b>MS-based Metabolic Profiling of Gut Microbiota Modulated Metabolites to Investigate Potential Health Effects on the Host</b> Zdenek Spacil, <i>Masaryk Univ.</i>	<b>Metrology for Clinical: From Small to Large</b> Christopher Hopley, <i>LGC</i>		<b>How Low Can You Go? Using Flow to Measure Zero</b> Christopher Shuford, <i>Lab Corp of America</i>		...continued from above		...continued from above		<b>Track Opens Wednesday</b> 15:20 15:40	
15:40 16:00	<b>Proton-Transfer-Reaction Time-Of-Flight MS (PTR-TOF-MS) Analysis of Volatile Organic Compounds in Human Gastric Cancer Tissue</b> Mina Adam, <i>Imperial College London</i>	<b>Quality by Design in Bioanalysis: Elvitegravir Determination</b> Sara Baldelli <i>Clinical Pharmacology, L.Sacco University Hospital</i>		<b>Detection and Quantification of Carbohydrate Deficient Transferrin by MALDI-Compatible Protein Chips Prepared by Ambient Ion Soft Landing</b> Petr Pompach, <i>Institute of Microbiology</i>		...continued from above		...continued from above		<b>Track Opens Wednesday</b> 15:40 16:00	
WEDNESDAY :: SCIENTIFIC SESSION 2		WEDNESDAY :: SCIENTIFIC SESSION 2		WEDNESDAY :: SCIENTIFIC SESSION 2		WEDNESDAY :: SCIENTIFIC SESSION 2		WEDNESDAY :: SCIENTIFIC SESSION 2		WEDNESDAY :: SCIENTIFIC SESSION 2	
<b>Analytical Methods in Metabolomics</b> <i>Chair: Antonis Myridakis</i>		<b>Androgens</b> <i>Chair: Laura Owen</i>		<b>Recent Trends in Whole Cell MALDI-TOF</b> <i>Chair: Simon Cameron</i>		<b>Practical Training: Basic</b> <i>Chair: Michael Vogeser</i>		<b>Practical Training: Intermediate</b> <i>Chair: Russell Grant</i>		<b>Intraoperative Applications</b> <i>Chair: Kristina Schwanborn</i>	
10:45 11:05	<b>Simultaneous Quantification of Oxysterols &amp; Bile Acids in Human Plasma by Liquid Chromatography Electrospray Ionization Tandem MS</b> Madlen Sander, <i>Leipzig Univ.</i>	<b>Investigation of Androgen Excess in Women</b> Brian Keevil, <i>Univ. Hospital of South Manchester</i>		<b>Mass Spectrometry in the Micro Lab Workflow Beyond Identification</b> Stefan Zimmermann, <i>Department of Infectious Diseases</i>		<b>Basics of LC</b> Michael Vogeser, <i>Hospital of the Univ. of Munich, Germany</i>		<b>How to Achieve Lower Quantification Limits</b> Russell Grant, <i>Lab Corporation of America</i>		<b>Multimodal Molecular Profiling by Mass Spectrometry (Imaging): On its Way to Clinics?</b> Tiffany Porta, <i>Maastricht University</i>	
11:05 11:25	<b>Pre-Analytic Evaluation of Volumetric Absorptive Microsampling &amp; Integration in a MS Based Metabolomics Workflow</b> Giuseppe Paglia <i>EURAC Research</i>	<b>A Broad LC-MS/MS Serum Profiling Revealed a Specific Steroid Pattern in Hirsute Women with Polycystic Ovary Syndrome</b> Flaminia Fanelli, <i>Univ. of Bologna</i>		<b>Beyond "Bacterial Identification Revolution" – Detection of Resistance Markers by MALDI-TOF MS</b> Markus Kostrzewa, <i>Bruker Daltonik GmbH</i>		...continued from above		...continued from above		<b>Nondestructive Tissue Analysis for ex vivo &amp; in vivo Cancer Diagnosis Using a Biocompatible Mass Spectrometry System</b> Marta Sans, <i>The Univ. of Texas</i>	
11:25 11:45	<b>Investigating the Role of Collision Cross Section (CCS) in Metabolomics: How is CCS Used for Metabolite Identification?</b> Charles Nichols, <i>Vanderbilt Univ.</i>	<b>Biological Variation of Testosterone, Dihydrotestosterone &amp; their Ratio Determined in 30 Healthy Individuals w/ LC-MS/MS</b> Anna van der Veen, <i>Univ. Medical Center Groningen</i>		<b>Detection of Carbapenem-Resistance in <i>Bacteroides fragilis</i> by MALDI-TOF MS – a Quantum Leap</b> Miriam Cordovana, <i>Univ. Hospital Sant'Orsola-Malpighi, Bologna</i>		...continued from above		...continued from above		<b>Identification of Cancerous and Precancerous Cervical Abnormalities in Real-Time with the Use of Rapid Evaporative Ionization MS (REIMS)</b> Menelaos Tzafetas, <i>Imperial College London</i>	
WEDNESDAY :: SCIENTIFIC SESSION 3		WEDNESDAY :: SCIENTIFIC SESSION 3		WEDNESDAY :: SCIENTIFIC SESSION 3		WEDNESDAY :: SCIENTIFIC SESSION 3		WEDNESDAY :: SCIENTIFIC SESSION 3		WEDNESDAY :: SCIENTIFIC SESSION 3	
<b>Metabolite Profiling</b> <i>Chair: Hector Gallart Ayala</i>		<b>Endocrine</b> <i>Chair: Brian Keevil</i>		<b>Clinical Proteomics in Cancer and Immune-related Diseases</b> <i>Chair: Lars Rasmussen</i>		<b>Practical Training: Basic</b> <i>Chair: Judy Stone</i>		<b>Practical Training: Intermediate</b> <i>Chair: Brian Rappold</i>		<b>Applications in Routine Pathology</b> <i>Chair: Isabelle Fournier</i>	
14:45 15:05	<b>Optimisation &amp; Validation of a High-Throughput Semi-Targeted Method by GC-MS with Metabolite Libraries for Large Scale Molecular Epidemiological Research</b> Antonis Myridakis, <i>Imperial College London</i>	<b>Single Assay Measurement of the Aldosterone-Renin-Ratio by Online SPE-UHPLC-MS/MS</b> Nicola Gray, <i>Shimadzu UK</i>		<b>Deciphering Molecular Consequences of the Prohormone Convertase 1/3 Inhibition in Macrophages for Application in Immunotherapy</b> Michel Salzet, <i>Lab PRISM U1192, INSERM</i>		<b>Basics of Sample Preparation - Remaining Unfazed while Your Analytes Move from Phase to Phase</b> Judith Stone, <i>Univ. of Calif. San Diego Health System</i>		<b>Pragmatic HILIC for the Clinic</b> Brian Rappold, <i>Essential Testing</i>		<b>Imaging MS - Possible Applications in Pathology</b> Kristina Schwamborn, <i>Institute of Pathology, TU Munich</i>	
15:05 15:25	<b>Quantification of Urinary Organic Acids Using Liquid Chromatography Tandem MS</b> Gökçe Gökşu Gürsu, <i>JASEM Lab systems &amp; solutions</i>	<b>Interference from Alpha- &amp; Beta-Dihydrocortisone in Salivary Cortisol Assays: Ramifications for Patient Care</b> James Hawley, <i>Univ. Hospital South</i>		<b>Comprehensive Proteomic Analysis of the Psoriatic Non-Lesional &amp; Healthy Skin with Label-Free Semi-Quantitative Approach</b> Eva Hunyadi-Gulyas, <i>Lab of Proteomics Research, BRC, HAS</i>		...continued from above		...continued from above		<b>Differentiating Benign &amp; Malignant Endometrial Tissue Subtypes Using Desorption Electrospray Ionisation MS Imaging (DESI-MSI)</b> Tanja Farrokh-Eslamlou, <i>Imperial College London</i>	
15:25 15:45	<b>Accurate &amp; Confident Metabolic Phenotyping - Combining a Standardized &amp; Quantitative Targeted Assay with Orbitrap™ Technology</b> Therese Koal, <i>BIOCRATES Life Sciences AG</i>	<b>Derivatization as a Tool for Reaching Low pg/mL Detection Limits in Salivary Steroidomics</b> Cato Brede, <i>Stavanger Univ. Hospital</i>		<b>Quantification of PI3K p110a, PTEN &amp; AKT I+II in Colorectal Cancer Cell Lysate &amp; Tissue Samples Using Immuno-MALDI (iMALDI)</b> Björn Fröhlich, <i>UVic Genome BC Proteomics Centre</i>		...continued from above		...continued from above		<b>3D MS Imaging of Human FPFE Bladder Cancer Resections</b> Naomi Vos, <i>M4I division of IMS, Maastricht University</i>	
THURSDAY :: SCIENTIFIC SESSION 4		THURSDAY :: SCIENTIFIC SESSION 4		THURSDAY :: SCIENTIFIC SESSION 4		THURSDAY :: SCIENTIFIC SESSION 4		THURSDAY :: SCIENTIFIC SESSION 4		THURSDAY :: SCIENTIFIC SESSION 4	
<b>Metabolite Profiling Methods</b> <i>Chair: Roland Geyer</i>		<b>Vitamin D</b> <i>Chair: Flaminia Fanelli</i>		<b>Revolutionizing Pathogen Detection by LC-MS/MS Proteotyping</b> <i>Chair: Stefan Zimmerman</i>		<b>Practical Training: Basic</b> <i>Chair: Michael Wright</i>		<b>Practical Training: Intermediate</b> <i>Chair: Chris Shuford</i>		<b>New Technologies</b> <i>Chair: Tiffany Porta</i>	
16:45 17:05	<b>Application of LC-MS/MS Metabolomics - Quantitative High-Throughput Method for Direct Measurements of Enterolactone Glucuronide, Sulfate &amp; Free Enterolactone</b> Natalja Pustovalova <i>Norskov, Aarhus Univ.</i>	<b>A Fast &amp; Simple Method for Simultaneous Measurements of 25(OH)D, 24,25(OH)2D &amp; the Vitamin D Metabolite Ratio (VMR) in Serum Samples by LC-MS/MS</b> Neus Fabregat-Cabello, <i>Univ. of Liège, CHU de Liège</i>		<b>Identification of Microorganisms Grown in Blood Culture Flasks Using LC-HRMS/MS</b> Armand Pauw, <i>TNO</i>		<b>System Suitability Tests Part 1: Introduction to System Suitability Tests</b> Michael Wright, <i>LGC, Drug Development Services</i>		<b>Getting Started with Protein Quantitation</b> Chris Shuford, <i>Lab Corp of America</i>		<b>The Implementation of Needle Electrospray Ionisation MS for the Analysis of Aspiration Fluid Cytology in Locally Advanced Oesophageal Cancer</b> Pranav Patel, <i>Imperial College London</i>	
17:05 17:25	<b>Development &amp; Validation of an LC-MS/MS Method for Measurement of Methylmalonic Acid &amp; Homocysteine in Human Plasma</b> Forough Bahadory, <i>SEALS, Dept. of Clinical Chemistry</i>	<b>Time-Course Analysis of 3-epi-25-Hydroxyvitamin D3 Shows Markedly Elevated Levels in Early Life, Particularly from Vit. D Supplementation in Preterm Infants</b> Jody van den Ouweland, <i>Canisius-Wilhelmina Hospital</i>		<b>Proteotyping: Tandem MS Shotgun Proteomic Characterization &amp; Typing of Pathogenic Microorganisms</b> Roger Karlsson, <i>Sahlgrenska Academy, Univ. of Gothenburg</i>		<b>System Suitability Tests Part 2: Troubleshooting Common Issues</b> Michael Wright, <i>LGC, Drug Development Services</i>		...continued from above		<b>Can Real-Time Molecular Analyses Change the Paradigm of Dog Sarcoma Diagnosis and Classification?</b> Isabelle Fournier, <i>Laboratoire PRISM U1192, INSERM</i>	
17:25 17:45	<b>Lipidomic Evaluation of Cultured Cell Lines</b> Finnur Freyr Eiriksson, <i>Univ. of Iceland</i>	<b>SPME as Sample Prep Technique Applied in Prohibited Substances Analysis from Various Matrices – Promising Tool for Doping Control Labs?</b> Krzysztof Gorynski, <i>Nicolaus Copernicus Univ. Collegium Medicum</i>		<b>Metaproteomics for the Clinics: Quick Survey of Microbiota by MS/MS</b> Jean Armengaud, <i>CEA</i>		<b>System Suitability Tests Part 3: Case Studies</b> Michael Wright, <i>LGC, Drug Development Services</i>		...continued from above		<b>Chemical Scanning of Cancer Tissues by the Combination of MS with Molecular Resonance Probe Desorption</b> Vladimir Frankevich, <i>Research Center for Obstetrics and Gynecology</i>	
THURSDAY :: SCIENTIFIC SESSION 5		THURSDAY :: SCIENTIFIC SESSION 5		THURSDAY :: SCIENTIFIC SESSION 5		THURSDAY :: SCIENTIFIC SESSION 5		THURSDAY :: SCIENTIFIC SESSION 5		THURSDAY :: SCIENTIFIC SESSION 5	
<b>Clinical Metabolomics</b> <i>Chair: Oleg Mayboroda</i>		<b>TDM/DOA</b> <i>Chair: Michael Vogeser</i>		<b>Proteomic Applications</b> <i>Chair: Andy Hoofnagle</i>		<b>Practical Training: Basic</b> <i>Chair: Erik Soderblom</i>		<b>Practical Training: Intermediate</b> <i>Chair: Catarina Horro Pita</i>		<b>Track Closed</b> <i>Chair: N/A</i>	
09:00 09:20	<b>Diagnosis of Multiple Myeloma by MS of Peripheral Blood Plasma &amp; Artificial Intelligence</b> Meritxell Deulofeu, <i>Masaryk Univ.</i>	<b>GC-APCI-QTOFMS Coupled to Nitrogen Chemiluminescence Detector: A Tool for Identification &amp; Quantification of New Psychoactive Substances &amp; their Metabolites</b> Samuel Mesihää, <i>Univ. of Helsinki</i>		<b>Quantitative Proteome Analysis Applied to Human Arterial Tissue: Lessons in Relation to Cardiovascular Diseases</b> Lars Melholt Rasmussen, <i>Odense Univ. Hospital</i>		<b>Basics of LC-MS Troubleshooting</b> Erik Soderblom, <i>Duke University</i>		<b>Where Did My Analyte Go? – Coping with Poor Solubility and Non-Specific Binding</b> Catarina Horro Pita, <i>LGC - Drug Development Services</i>		<b>Track Closed</b> 09:00 09:20	
09:20 09:40	<b>Vaginal Swabs Analysis Using Desorption Electrospray Ionization (DESI) MS Permits Rapid Identification of Metabolic Signatures Associated with Preterm Birth</b> Holly Lewis, <i>Imperial College London</i>	<b>Novel LC-MS Approaches to Determination of Chemical Warfare Agents &amp; Related Compounds in Biomedical Samples</b> Igor Rodin, <i>Moscow State Univ.</i>		<b>Quantitative Analysis of Phosphorylation Sites in the Platelet Proteome After ADP Stimulation</b> Christin Lorenz, <i>Leibniz-Institut für Analytische Wissenschaften</i>		...continued from above		...continued from above		<b>Track Closed</b> 09:20 09:40	
09:40 10:00	<b>Evidence of an Impairment of Cholesterol Metabolism Associated to Mitochondrial Dysfunction. A Metabolomic Approach Based on MS</b> Valerio Leoni, <i>Lab of Clinical Chemistry, Hospital of Varese</i>	<b>Fake News, Alternative Facts or Just Normal Pharmacokinetics? High Urine Naloxone Concentrations in Patients Prescribed Sublingual Buprenorphine-Naloxone (BNX)</b> Judith Stone, <i>UCSD Health System</i>		<b>Clinical Applications of Universal S-Trap Sample Processing</b> John Wilson, <i>Cold Spring Harbor Laboratory</i>		...continued from above		...continued from above		<b>Track Closed</b> 09:40 10:00	
TUESDAY :: SCIENTIFIC SESSION 6		TUESDAY :: SCIENTIFIC SESSION 6		TUESDAY :: SCIENTIFIC SESSION 6		TUESDAY :: SCIENTIFIC SESSION 6		TUESDAY :: SCIENTIFIC SESSION 6		TUESDAY :: SCIENTIFIC SESSION 6	
<b>Closing Metabolomics Keynote</b> <i>Chair: Oleg Mayboroda</i>		<b>Other Topics</b> <i>Chair: Christiane Auray-Blais</i>		<b>Innovation for the Clinical Microbiology Lab</b> <i>Chair: Jean Armengaud</i>		<b>Track Closed</b> <i>Chair: N/A</i>		<b>Track Closed</b> <i>Chair: N/A</i>		<b>Track Closed</b> <i>Chair: N/A</i>	
11:00 11:20	<b>Discovery, Validation &amp; Implementation of Biomarkers for Clinical Metabolomics</b> David Wishart, <i>Univ. of Alberta</i>	<b>Towards Combined Determination of Paracetamol &amp; APAP-Cys in VAMS via LC-MS/MS</b> Lisa Delahaye, <i>Ghent Univ.</i>		<b>Laser Assisted Rapid Evaporative Ionisation MS (LA-REIMS): An Automated High-Throughput Platform for Clinical Microbiology &amp; Beyond</b> Simon Cameron, <i>Imperial College London</i>		<b>Track Closed</b>		<b>Track Closed</b>		<b>Track Closed</b> 11:00 11:20	
11:20 11:40	...continued from above	<b>Urine Oxalate &amp; Citrate; How Do We Get the Correct Answer?</b> David Marshall, <i>Univ. Hospital South Manchester</i>		<b>Defining Systemic Bacterial Infection Through Construction of a Murine Organ Atlas</b> John Lapek, <i>UCSD</i>		<b>Track Closed</b>		<b>Track Closed</b>		<b>Track Closed</b> 11:20 11:40	
11:40 12:00	...continued from above	<b>Isoform-Specific Quantitation of Human Growth Hormone via a Bead-based MSIA Assay</b> Julia Dittrich, <i>Univ. Hospital Leipzig</i>		<b>Paper Substratum for MALDI-TOF Disposable Targets</b> Nadine Perrot, <i>R&amp;D Microbiology Dept, bioMérieux S.A</i>		<b>Track Closed</b>		<b>Track Closed</b>		<b>Track Closed</b> 11:40 12:00	