Tentative Program

4th World Congress on

Mass Spectrometry

London, UK June 19-21, 2017



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops | Exhibitors | B2B Meetings

For available speaker slots

euromassspectrometry@conferenceseries.net

Program at A Glance

Day 1

Morning Sessions

Reception/Registration		
	Time	**General Session**
Inaugural Address		
Least of 3 Keynote/Plenary Talks		Keynote/Plenary Talk 1
		Keynote/Plenary Talk 2
		Keynote/Plenary Talk 3
Panel Discussions/Group Photo		
Coffee/Tea Break (Networking)		
Applications of Mass Spectrometry | New Approaches in Mass Spectrometry|		

Evening Sessions

Recent Advances and Development in Mass Spectrometry|Mass Spectrometry in Proteome Research
Lunch Break
Fundamentals of Mass Spectrometry | Metabolomics/Lipidomics: new MS technologies |
Mass spectrometry Imaging | Mass spectrometry in food analysis, industry and environmental analysis
Coffee/Tea Break (Networking)
Workshop

Day 2

Morning Sessions

Reception/Registration		
	Time	**General Session**
Inaugural Address		
Least of 3 Keynote/Plenary Talks		Keynote/Plenary Talk 1
		Keynote/Plenary Talk 2
		Keynote/Plenary Talk 3
Panel Discussions/Group Photo		
Coffee/Tea Break (Networking)		
Ionization Techniques | Hyphenated Techniques |Proteomics |Separation Techniques in Analytical Chemistry		

Evening Sessions

Mass Spectrometry in Metabolomics |Chromatography and High Performance Liquid Chromatography (HPLC)
Lunch Break
Maintenance, Troubleshooting, Data Analysis and Experimentation in Mass Spectrometry
Spectroscopy | Proteomics from Discovery to Function and its applications
Coffee/Tea Break (Networking)
Poster Presentation
Workshop

Day 3

Morning Sessions

	Time	**Session 1**	**Session 2**
		Keynote Forum	Applications of Mass Spectrometry
Coffee/Tea Break (Networking)			
NMR Spectroscopy and NMR in biomedicine | MS Approaches in Carbohydrates and biomolecule analysis LC-MS & GC-MS: Mass spectroscopy (MS) detection techniques coupled to chromatographic separations			

Evening Sessions

Lunch Break 12.35-13.25
Triple Quadrupole GC-MS/MS, the next evolution|Mass Spectrometry in Proteome Research
Coffee/Tea Break (Networking)
UV and IR spectroscopy | Multidimensional protein identification technology – MudPIT

Conference Highlights

- Applications of Mass Spectrometry
- New Approaches in Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry
- Mass Spectrometry in Proteome Research
- Mass Spectrometry in Metabolomics
- Hyphenated Techniques
- Mass spectrometry in food analysis, industry and environmental analysis
- Metabolomics/Lipidomics: new MS technologies
- Mass spectrometry Imaging
- Fundamentals of Mass Spectrometry
- Proteomics from Discovery to Function and its applications
- Ionization Techniques
- Mass Spectrometry Configurations and Separation Techniques
- Chromatography and High Performance Liquid Chromatography (HPLC)
- Maintenance, Troubleshooting, Data Analysis and Experimentation in Mass Spectrometry
- Spectroscopy

For detailed sessions, please visit: http://massspectra.com/europe/call-for-abstracts.php

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Glimpses of Mass Spectrometry Conference















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Glimpses of Mass Spectrometry Conference















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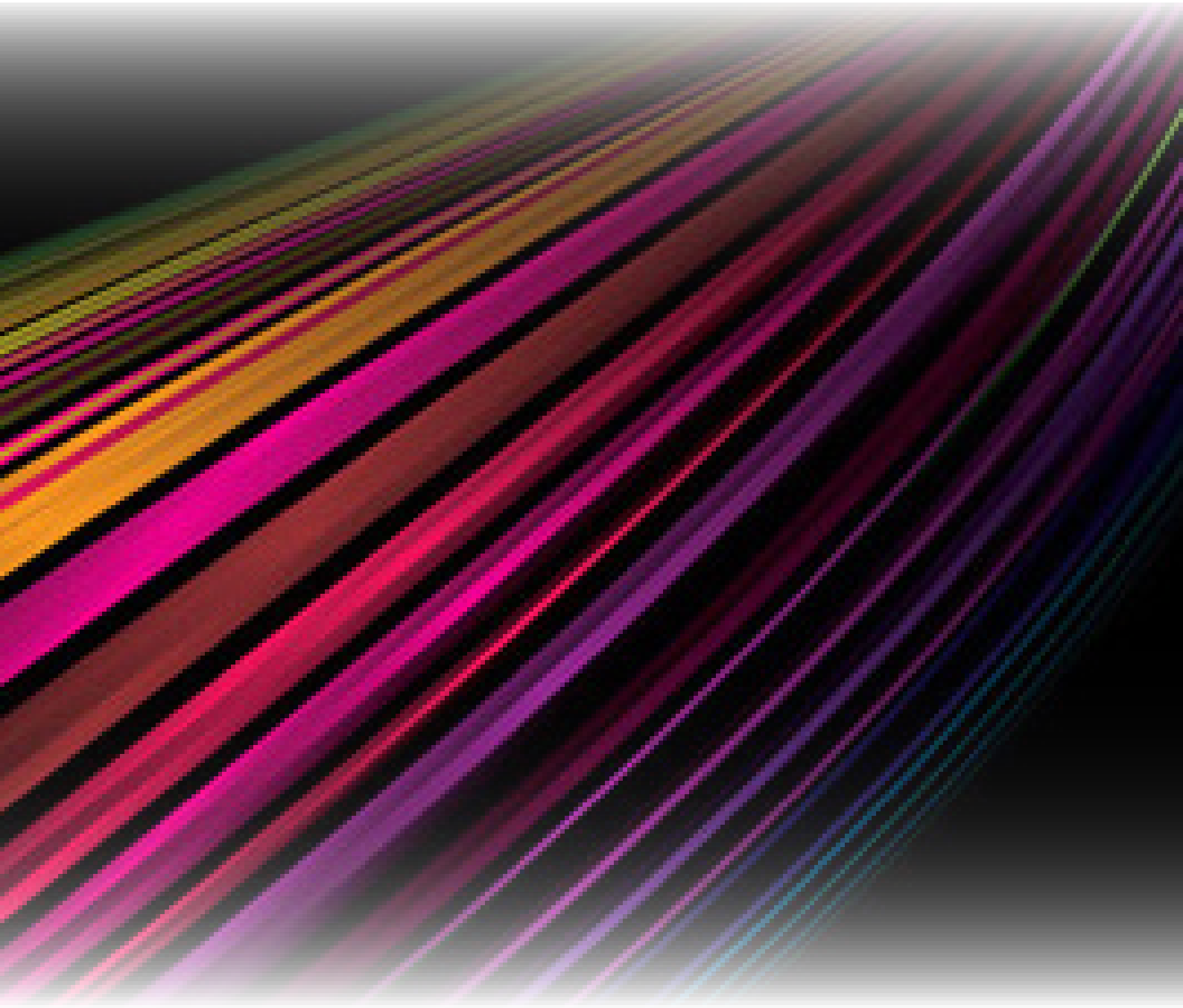
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561st Conference

Scientific Program

2nd International Conference on

Current Trends in Mass Spectrometry

July 20-22, 2016 Chicago, USA



Hosting Organization: Conference Series LLC
2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
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Scientific Program

Day 1 July 20, 2016

Registrations

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: New vistas in multisatge mass spectrometry for analysis of biodegradable polymers
Marek M. Kowalczuk, University of Wolverhampton, UK

Title: 25 Hydroxy vitamin D quantitative analysis by LC/MS – assay standardization
Eduard Rogatsky, Wadsworth Center, USA

Title: Heterocyclic aromatic amines and their contribution to the bacterial mutagenicity of the particulate phase of cigarette smoke
Regina Stabbert, Philip Morris International R&D, Switzerland

Networking and Refreshments @ Foyer

Sessions:
- Applications of Mass Spectrometry
- New Approaches in Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry

Session Introduction

Session Chair: Claudia S. Maier, Oregon State University, USA
Session Co-Chair: Zhenhua GONG, Shanghai Jiaotong University, China

Title: How to make MS data work best for biological research
Iulia M. Lazar, Virginia Tech, Biological Sciences, USA

Title: Quantification of temozolomide in nonhuman primate fluids by Isocratic Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry to study brain tissue penetration following intranasal or intravenous delivery
Cody J. Peer, National Institutes of Health, USA

Title: Quantification of bilirubin on dry blood spot by tandem mass spectrometry
Zhenhua GONG, Shanghai Jiaotong University, China

Title: High frequency nano-optomechanical disk resonators in liquids
Eduardo Gil-Santos, Université Paris Diderot, France

Title: Coupling of micro-Electrochemical Reaction Cell to Electrospray MS (EC-ESI MS) for investigation of redox reaction products of cytotoxic metallocomplexes
Katarzyna Pawlak, Warsaw University of Technology, Poland

Title: Tandem mass spectrometry for the characterization of peptide adducts of electrophlic lipoxidation products
Claudia S. Maier, Oregon State University, USA

Lunch Break @ Athens

Sessions:
- Applications of Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry
- Fundamentals of Mass Spectrometry

Session Introduction

Session Chair: Miral Dizdaroglu, National Institute of Standards and Technology, USA
Session Co-Chair: Jianjun Liu, Shenzhen Center for Disease Control and Prevention, China

Title: Adjustable combinatory ionization guns for multiple tasks of analytical MS
Yi Chen, Chinese Academy of Sciences, China

Title: Application of mass spectrometry in the discovery of small molecule inhibitors of DNA repair proteins as potential anticancer drugs
Miral Dizdaroglu, National Iinstitute of Standards and Technology, USA

Title: Determination of mycotoxin contamination in traditional chinese medicines by LC-MS-MS
Hui Xu, Guangzhou University of Chinese Medicine, China

Title: Proteomic study of SET-mediated abnormal protein phosphorylation and histon modification in trichloroethylene-induced hepatic cytotoxicity
Jianjun Liu, Shenzhen Center for Disease Control and Prevention, China

Title: Assessment of BPA levels in urine by HPLC MS
Youssef Mouneimne, American University of Beirut, Lebanon

Title: Magnetic derived perhydroxy-cucurbit[8]uril nanoparticles for solid-phase extraction to ultrasensitive determination of cytokinins in plant samples by UPLC-MS/MS
Gongke Li, Sun Yat-sen University, China

Networking and Refreshments @ Foyer

Sessions:
- Applications of Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry
- Ionization Techniques

Session Introduction

Session Chair: Sherry A. Tanumihardjo, University of Wisconsin, USA
Session Co-Chair: Hui-FenWu, National Sun Yat-Sen University, Taiwan

Title: Development of liquid chromatography-tandem mass spectrometry methods for the quantitation of anisakis simplex proteins in fish
Christiane Kruse Fæste, Norwegian Veterinary Institute, Norway
Title: Photo-reactivity assessment of perfusion drugs combining quantum chemical approach and experimental studies.
Bernard Do, University of Paris-Sud, France
Title: Nanomaterial based mass spectrometry applied on pathogens, cancer study and single cell detection
Hui-FenWu, National Sun Yat-Sen University, Taiwan
Title: Study on free fatty acids metabolome using 2D nano LC-NSI-Q-TOF/MS, application to polycystic ovarian syndrome in women
Guo-An Luo, Macau University of Science and Technology, China
Title: Natural abundance of 13c in serum retinol differentiates between dietary intake of C3 versus C4 plants
Sherry A. Tanumihardjo, University of Wisconsin, USA
Title: Gas phase fragmentation mechanisms of protonated testosterone as revealed by chemical dynamics simulations
Kihyung Song, Korea National University of Education, Republic of Korea

Workshop

Title: GC/MS fundamentals for operators
Matthew S. Klee, VP Market Development Dani Instruments, Inc. USA

Panel Discussion

Day 2 July 21, 2016

Vienna

Keynote Forum

Title: Euv laser mass spectrometry and photoelectron spectroscopy of mass selected neutral clusters and molecules
Elliot R. Bernstein, Colorado State University, USA
Title: Quantitation of lipids in high throughput; the shotgun lipidomics profiling of NAFLD and steatohepatitis by ion mobility-MS data acquisition techniques
Brigitte Simons, SCIEX, Canada
Title: Similarity of hierarchical structured clustering in human and neuronal interactions and on DNA: Structural and functional analogies
Magnus S. Magnusson, University of Iceland, Iceland

Networking and Refreshments @ Foyer

Sessions:
- Applications of Mass Spectrometry
- New Approaches in Mass Spectrometry
- Mass spectrometry Imaging
- Ionization Techniques

Session Introduction

Session Chair: Elliot R Bernstein, Colorado State University, USA
Session Co-Chair: Ioana NUTA, Univ. Grenoble Alpes, SIMAP, France

Title: Development of laser ionization methods and its application in the investigation of chemical vapor deposition chemistry
Yujun Shi, University of Calgary, Canada
Title: Mass spectrometry imaging in flies, cells, and vesicles
Andrew Ewing, University of Gothenburg, Sweden
Title: Identification of lipid biomarkers of atopic skin by normal phase chromatography/high resolution mass spectrometry
Libong Danielle, Paris South University, France
Title: Mass spectrometry with Knudsen cell applied to the investigation of organometallic precursors vapors
Ioana NUTA, Univ. Grenoble Alpes, SIMAP, France

Title: Ultra-trace level speciated isotope dilution measurement of Cr(VI) using ion chromatography tandem mass spectrometry in environmental waters
Stefanie Maedler, Ontario Ministry of the Environment and Climate Change, Canada
Title: Lipid imaging of invertebrate model systems by secondary ion mass spectrometry
Nhu Phan, University of Gothenburg, Sweden

Lunch Break @ Athens

Sessions:
- Applications of Mass Spectrometry
- Recent Advances and Development in Mass Spectrometry
- Mass Spectrometry Configurations and Techniques
- NMR Spectroscopy and NMR in biomedicine

Session Introduction

Session Chair: Lianming Wu, GlaxoSmithKline, USA
Session Co-Chair: Medicharla V. Jagannadham, CSIR-Centre for Cellular and Molecular Biology, India

Title: High-throughput metabolic stability assays using rapid fire and accurate-mass spectrometry
Paul Lee, Discovery Technologies, Amgen Inc., USA
Title: Ambient mass Spectrometry: New directions in pharmaceutical analysis
Lianming Wu, GlaxoSmithKline, USA
Title: PDAS–MSD- LC MS- Prescriptive drug analysis study in rat plasma for multiple sclerosis disease by LC-ESI/MS
Suneetha Achanti, Hindu College of Pharmacy, India
Title: Mass spectrometry technology for biomarker discovery
Sermin Tetik, University of Marmara, Turkey
Title: Improving reproducibility and resolution in Imaging Mass Spectrometry (IMS) through the application of low cost manual sample preparation techniques
Matthew B. O'Rourke, University of Technology Sydney, Australia
Title: Chemical modification of peptides followed by mass spectrometry: Implications in proteomics
Medicharla V. Jagannadham, CSIR-Centre for Cellular and Molecular Biology, India
Title: Snake venomics and antivenomics of the nose-horned viper, vipera ammodytes ammodytes
Adrijana Leonardi, Jozef Stefan Institute and biomedical sciences, Slovenia

Networking and Refreshments @ Foyer

Workshop

Title: Charge-site location and structure elucidation of gaseous ions
Athula B. Attygalle, Center for Mass Spectrometry, Stevens Institute of Technology, USA

Poster Presentaions @ Athens

Title: Introduction of liquid samples into high-vacuum plasma ion source for low-cost quantification of inorganic elements
Tatsuya Urabe, Nishina center for Accelerator-Based Science, Japan
Title: Development and validation of bioanalytical method for estimation of methoxsalen in human plasma
Sejal K. Patel, Ganpat University, India
Title: Short term exposure to some airborne trace elements and its potential cancer risk
Heba M Adly, Umm Al-Qura University, Saudi Arabia
Title: Secondary metabolites from soft coral *sarcophyton trocheliophorum* and *sinularia sp*
Chang-Yih Duh, National Sun Yat-sen University, Taiwan
Title: Further insights on the carotenoid profile of tagetes patula flowers
Daniele B. Rodrigues, University of Campinas, Brazil
Title: Determination of mycotoxin contamination in traditional chinese medicines by LC-MS-MS
Ruoting Zhan, Guangzhou University of Chinese Medicine, China
Title: UPLC-Q-TOF/MS-based screening and identification of the main alkaloids and their metabolites in rat plasma, urine and feces after oral administration of *Zanthoxylum nitidum* decoction
Weiwen Chen, Guangzhou University of Chinese Medicine, China

Day 3 July 22, 2016

Vienna

Sessions:
- Applications of Mass Spectrometry
- Advances in Sample Preparation Techniques
- Advances in Chromatography

Session Introduction

Session Chair: Sam F.Y. Li, National University of Singapore, Singapore
Session Co-Chair: Kalluru Seshaiah, Sri Venkateswara University, India

Title: A rugged bio-analytical method for determination of hydralazine in human plasma using gas chromatography coupled with tandem mass spectrometry
Kalluru Seshaiah, Sri Venkateswara University, India
Title: NMR and MS-based metabolomics of *microcystis* spp. unravel the involvement of microcystin in thylakoid membrane stabilization and photoinhibition resistance
Sam F.Y. Li, National University of Singapore, Singapore

Networking and Refreshments @ Foyer

Title: Carotenoids and carotenoid esters from fruits: strategies for identification by LC-MS
Lilian Regina Barros Mariutti, University of Campinas, Brazil
Title: Advancements in mass spectrometry
Lokesh Kumar Gupta, Teva API India Pvt. Limited, India
Title: Comparative assessment of glycosylation of a recombinant human FSH and a highly purified FSH extracted from human urine
Hong Wang, Shanghai Institute for Food and Drug Control, China
Title: Mass spectrometry regiospecific analysis of neutral triacylglycerols
Mahmoud A. Saleh, Texas Southern University, USA
Title: An alternative diabetic retinopathy therapy: A laser triggered microsystem for controlled release of Resveratrol
Oana Teodora Marisca, Babes Bolyai University, Romania
Title: Application of LC-MSn molecular fingerprinting in the rapid elucidation of drug impurities
Min Li, Huahai Pharmaceutical Co., Ltd, China
Title: Determination of heavy metal contents in indian foods using ICP-MS after closed vessel microwave digestion
Sreenivasa RJ, National Institute of Nutrition, India

Lunch Break @ Athens

Panel Disscussion & Award Ceremoney

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686th Conference

Scientific Program

World Congress on

CHROMATOGRAPHY

September 21-23, 2016 Amsterdam, Netherlands



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Opening Ceremony

Day 1 September 21, 2016

Registrations

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Keynote Forum

Introduction

Title: Roles of chromatography in developing traditional herbal/ayurvedic medicine (phytomedicines)
Ramesh C Pandey, GDP Ayurvedic University, USA
Title: Aqueous normal phase chromatography. A new approach to complex sample analysis
Joseph J Pesek, San Jose State University, USA
Title: Macro and micro-scale methods using large volume injections and heart-cutting 2D-LC for ultrahigh sensitivity bioanalysis
Filip Cuyckens, Janssen R&D, Belgium

Group Photo & Networking & Refreshment: @ Pre Function

Session:
Affinity Chromatography

Session Introduction

Session Chair: Joseph J Pesek, San Jose State University, USA

Session Co-Chair: Evelien Wynendaele, Ghent University, Belgium

Title: Fingerprinting of natural product by eastern blotting using monoclonal antibodies
Yukihiro Shoyama, Nagasaki International University, Japan
Title: Topiramate quantitation in human plasma by liquid chromatography-tandem mass spectrometry: Application to therapeutic drug monitoring
Kamal Matar, Kuwait University, Kuwait
Title: New applications of reversed phase chromatography for detection and quantitation of certain adulterants in illegal herbal medicines
Ahmed Mohamed Ali Hemdan, Ahram Canadian University, Egypt
Title: Implementation of UHPLC-single quad MS platform: The next level transforming pharmaceutical quality control laboratories
Evelien Wynendaele, Ghent University, Belgium
Title: Analysis of natural crosslinks by liquid chromatography mass spectrometry using a silica hydride column
Rafea M Naffa, Massey University, New Zealand
Title: A novel and fast approach to monitor cell disruption efficiency
Britta Eggenreich, Vienna University of Technology, Austria

Lunch Break: @ The Gallery

Session:
High Performnace Liquid Chromatography | Gas Chromatography

Session Introduction

Session Chair: Michael Soll, Frontier Laboratories, Germany

Session Co-Chair: Katsuhiro Maeda, Kanazawa University, Japan

Title: Quantification of drug metabolites in the absence of authentic standards
Filip Cuyckens, Janssen R&D, Belgium
Title: The Development of Standards for Quality Control of Herbal Medicines
Siu-Po IP, The Chinese University of Hong Kong, Hong Kong
Title: Study on the generation mechanism and change regularity of characteristic "raisin" flavor compounds in raisins
Dong Wang, China Agricultural University, China
Title:Elution order switchable chiral stationary phases for HPLC based on switching and memory of helicity in polyacetylenes in the solid state
Katsuhiro Maeda, Kanazawa University, Japan

Networking and Refreshments Break: @ Pre Function

Title: Biomass upgrading and catalyst characterization using a tandem reactor - GC/MS system
Michael Soll, Frontier Laboratories, Germany
Title: A novel toolbox with chromatogram fingerprints for lysis monitoring in E.coli bioprocesses
Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Panel Discussion 16:45-17:15

Day 2 September 22, 2016

Meeting Place 2

Keynote Forum

Title: Comprehensive molecular characterization of multi-component synthetic polymers with liquid chromatography
Dušan Berek, Polymer Institute of the Slovak Academy of Sciences, Slovakia
Title: Unsupervised component analysis: How to retrieve independent contributions
Jorge Costa Pereira, University of Coimbra, Portugal
Title: Retention time correction in gas chromatography by modelling concentration related effects
R Kapeller, Austrian Agency for Health and Food Safety, Austria

Networking and Refreshments Break: @ Pre Function

Poster Presentations 11:30-12:00

Title: Sensitive determination of phthalates in edible oils enabled through elimination of phthalate background from HPLC–MS/MS
Adam Vavrouš, Charles University in Prague, Czech Republic
Title: Performance Comparison Between Monolithic Column And Silica Based C-18 Particle Packed Column For The Determination Of Three Anti-diabetics In Pharmaceuticals
A. Hemdan, Ahram Canadian University, Egypt
Title: Spectrophotometric determination and recovery of Cr(VI) from waste water by using a novel calix[4]arene based on polymer inclusion membrane (PIM) modified with nanocomposite graphene oxide
Canan Onac, Pamukkale University, Turkey
Title: A link between aberrant methylation level and AA adducts: Fact or coincidence
Dalia El-Zeihery, Beni-Suef University, Egypt
Title: Novel approach for targeted profiling of plant ecdysteroids by UHPLC-MS/MS vs. SFC-UV/MS
Danuse Tarkowska, Palacky University, Czech Republic
Title: MLC as an effective tool in the prediction of human intestinal absorption
D S Shokry, University of Huddersfield, UK
Title: Simultaneous determination and validation of telmisartan and amlodipine in pharmaceutical preparations using capillary electrophoretic method
Ebru TÜRKÖZ Acar, Yeditepe University, Turkey
Title: Rapid identification of anti-inflammatory active ingredients from Tumuxiang based on spectrum-effect relationship and natural products application solution with UNIFI
Fangdi Hu, Lanzhou University, P. R. China
Title: Identification of components from Sinapis semina that act on the thoracic aorta by screening using cell membrane chromatography combined with online-high performance liquid chromatography-mass spectrum
Fen Wei, Xi'an Jiaotong University, China
Title: Performance evaluation of different columns in hydrophilic interaction liquid chromatography for the determination of N-nitrosodiethanolamine in shampoo
G Abedi, Alzahra University, Iran
Title: Analysis of endogenous aldehydes in human urine by static headspace gas chromatography–mass spectrometry
Manuel Silva, University of Córdoba, Spain

Title: Temperature controlled liquid phase microextraction, in-situ derivatization for determination of estrogens in water by gas chromatography-tandem mass spectrometry
Maw-Rong Lee, National Chung Hsing University, Taiwan
Title: Origin of haloacetic acids in milk and dairy products
Mercedes Gallego, University of Córdoba, Spain

Title: Temperature controlled liquid phase microextraction, in-situ derivatization for determination of estrogens in water by gas chromatography-tandem mass spectrometry
Maw-Rong Lee, National Chung Hsing University, Taiwan
Title: Origin of haloacetic acids in milk and dairy products
Mercedes Gallego, University of Córdoba, Spain

Session:
Adsorption Chromatography | Ion Exchange Chromatography

Session Introduction

Session Chair: Jorge Costa Pereira, University of Coimbra, Portugal

Session Co-Chair: Wojciech Strzałka, Jagiellonian University, Poland

Title: Multi-dimensional ion chromatography–mass spectrometry for simultaneous determination of extracellular metabolites in Clostridium thermocellum
Yun Fa, Chinese Academy of Sciences, China
Title: Dendron-based stationary phases for hydrophobic interaction chromatography
Sena Yaman, Izmir Institute of Technology, Turkey
Title: Separation of drug active ingredients by using subcritical water chromatography
Berkant Kayan, Aksaray University, Turkey
Title: Implementation of ssDNA aptamers for imidazole-free purification of His3-tagged recombinant proteins
Wojciech Strzałka, Jagiellonian University, Poland

Lunch Break: @ The Gallery

Poster Presentations 14:00-14:50

Title: Introducing a versatile tandem µ-reactor-GC/MS system for rapid characterization of catalysts: Ethanol and citrus unshiu peel conversion
Michael Soll, Frontier Laboratories, Japan
Title: Evaluation of Fe3O4.SiO2.Al(OH)3 and Fe3O4.Al(OH)3 nanostructures for extraction and pre-concentration of 1,4-dioxane from shampoo by gas chromatography
Mina Ranjbar Zandaragh, Imam Khomeini International University, Iran
Title: Chromatographic purification of the water extract of Virola surinamensis (Rol.) Warb, an Amazonian medicinal plant
Mirtes Midori Tanae, Universidade Federal de São Paulo, São Paulo, Brazil
Title: A validated UPLC-UV method for bisphenol A (BP-A) levels detection in imported plastic toys and drinking bottled water in Kuwait
Naser Faisal Al-Tannak, Kuwait University, Kuwait
Title: Use of gas chromatography to determine the cholesterol level in samples of meat and meat products
Ropota Mariana, National Research & Development Institute for Animal Biology and Nutrition (IBNA), Romania
Title: A validated LC-MS/MS assay for the quantitative determination of Hypophyllanthin and silibinin in Human Plasma: Application to a pharmacokinetic study in healthy volunteers
Said A. Hassan, Cairo University, Cairo, Egypt
Title: Separation of seven flavonoids in Astragali radix using ultra-performance subcritical fluid chromatography on different stationary phases
Shilan Feng, Lanzhou University, China
Title: Preparation of tetraoxocalix [2]arence[2]triazine coated Fe3O4 @SiO2 magnetic nanoparticles and its application in determination of PAHs in smokers urine
Shusheng Zhang, Zhengzhou University, China
Title: Development of a multicomponent method for the analysis of banned substances in cosmetic products by GC-MS/MS
Ševčík Václav, National Institute of Public Health, Czech Republic
Title: A novel toolbox for impurity pattern monitoring during inclusion body processing
Vignesh Rajamanickam, Vienna University of Technology, Vienna, Austria

Title: Feasibility of correlating separation of ternary mixtures of neutral analytes via thin layer chromatography with supercritical fluid chromatography in support of green flash separations
Tony Q Yan, Pfizer Inc., USA
Title: New method of screening allergenic components from Yejuhua injection with LAD2/CMC model online UHPLC-ESI-IT-TOF-MS system
Yanni Lv, Xi'an Jiaotong University, China
Title: Screening allergenic components from Danshen injection via HMC-1/CMC online UHPLC-ESI-MS/MS system
Yuanyuan Lin, Xi'an Jiaotong University, China

Session:
Molecular Exclusion Chromatography

Session Introduction

Session Chair: Romain Kapel, University of Lorraine, France

Session Co-Chair: Fabian Holenstein, Novartis Institutes for Biomedical Research, Switzerland

Title: Separation of hydrophobic amino acid enantiomers in CEC system by molecular imprinting technique
Koray Şarkaya, Düzce University, Turkey
Title: N-Acylated chitosan Bis(arylcarbamate): A class of chiral separation materials with powerful enantioseparation ability and high tolerability to organic solvents
Sheng Tang, Wuhan Institute of Technology, China
Title: Permeation profiles of hormones and NSAIDs through vaginal mucosa using Pentravan cream
Hudson Polonini, Federal University of Juiz de Fora, Brazil
Title: Automated harvesting and 2-step purification of eight 1-L unclarified mammalian cell-culture broths containing antibodies using a novel configuration on ÄKTATM pure
Fabian Holenstein, Novartis Institutes for Biomedical Research, Switzerland
Title: Size-exclusion HPLC as a sensitive and calibrationless method for complex peptide mixtures quantification
Romain Kapel, University of Lorraine, France

Networking and Refreshments Break: @ Pre Function

Day 3 September 23, 2016

Meeting Place 2

Keynote Forum

Title: Kinetic chromatography: A new approach to study kinetics of reversible protein-drug binding
Sergey N Krylov, York University, Canada
Title: Micro-planar chromatography as useful tool for low resolution metabolomics study and environmental samples assessment
Paweł K Zarzycki, Koszalin University of Technology, Poland

Networking and Refreshments Break: @ Pre Function

Session:
Special Techniques in Chromatography | Spectroscopy

Session Introduction

Session Chair: Sergey N Krylov, York University, Canada

Session Co-Chair: Jennifer E Claus, MilliporeSigma, USA

Title: Raman spectroscopy based method for the evaluation of compositional consistency of nanofibrous layers
Adéla Kotzianová, Contipro Pharma a.s., Czech Republic
Title: Spectrophotometric determination of Cr(iii) and Pb(ii) using 5,11,17,23-tetra[(2-ethyl acetoethoxyphenyl) (azo) phenyl]calix[4]arene
Nguyen Khanh Hoang, Industrial University of HoChiMinh City, Vietnam
Title:Inverse liquid chromatography in surface characteristic of materials
Katarzyna Adamska, Poznan University of Technology, Poland

Title: Enantiomer separations of amino acids and derivatives on immobilized polysaccharide phases with extended range of solvents using supercritical fluid chromatography
Tony Q Yan, Pfizer Inc., USA

Lunch Break: @ The Gallery

Title: Comprehensive two-dimensional critical chromatography a tool to understand the behavior of random and block copolymers in chromatography
Aschwin van der Horst, Nuplex, Netherlands
Title: Chromatography in the NMR tube
Michael John, Institute of Anorganische Chemie, Germany
Title: Aptamer-based affinity chromatography as a rapid, single step method for purification of native proteins
Svetlana M Krylova, York University, Canada
Title: Removal of lipid interferences using zirconia-based solid phase extraction (SPE) and QuEChERS sorbents
Jennifer E Claus, MilliporeSigma, USA

Networking and Refreshments Break: @ Pre Function

Award Ceremony

Scientific Program

International Summit on

Current Trends in Mass Spectrometry

July 13-15, 2015 New Orleans, USA



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Day 1 July 13, 2015

Registrations

Opening Ceremony

Keynote Forum

Introduction

Marek M Kowalczuk
University of Wolverhampton, UK

Roger Webb
University of Surrey, UK

Track 4: Applications of Mass Spectrometry

Session Chair: Marek M Kowalczuk, University of Wolverhampton, UK
Session Co-chair: Miral Dizdaroglu, National Institute of Standards and Technology, USA

Session Introduction

Title: Application of metabolomics and kinetic flux profiling to understand the metabolic function of aquatic microbial consortia
Shawn R Campagna, University of Tennessee, USA
Title: Identification of alcohol binding residues in brain proteins using electrospray ionization mass spectrometry
Joydip Das, University of Houston, USA

Networking & Refreshments @ Foyer

Title: Mass spectrometry for forensic engineering of advanced polymer materials
Marek M Kowalczuk, University of Wolverhampton, UK
Title: Measurement of DNA repair proteins in human tissues by liquid chromatography-tandem mass spectrometry with isotope-dilution
Miral Dizdaroglu, National Institute of Standards and Technology, USA
Title: Utility of Mass Spectrometry in Drug Metabolism and Pharmacokinetics (DMPK): Discovery of Small Molecule Drugs
Mehran F Moghaddam, Celgene Corporation, USA
Title: Measurement of oxidatively modified DNA bases and nucleosides by isotope-dilution mass spectrometry
Pawel Jaruga, National Institute of Standards and Technology, USA
Title: Mass spectrometric methods to support vitamin A policies in Africa
Sherry A Tanumihardjo, University of Wisconsin, USA
Title: Mass spectrometry in veterinary drug residue analysis
Fernando Ramos, University of Coimbra, Portugal

Lunch Break @ Restaurant

Symposium

Title: Laboratory testing for pain management
Shie wang, Cleveland Clinic, USA
Title: The use of ion-mobility spectrometry-mass spectrometry to elucidate polymer architecture
Scott M Grayson, Tulane University, USA
Title: Affinity Purification Mass Spectrometry (AP-MS)
Steven J Bark, University of Houston, USA
Title: Determination of polycyclic aromatic hydrocarbons in sediments of rain drainage channels in urban zone (Pelotas - RS, Brazil)
Pedro J Sanches Filho, Instituto Federal Sul-rio-grandense, Brazil

Networking & Refreshments @ Foyer

Track 1: Fundamentals of Mass Spectrometry

Session Chair: Roger Webb, University of Surrey, UK
Session Co-chair: Christiane Auray-Blais, Université de Sherbrooke, Canada

Session Introduction

Title: Ménage-à-Trois: Single-atom Catalysis, Mass Spectrometry, and Computational Chemistry
Helmut Schwarz, Technische Universität Berlin, Germany
Title: Mass spectrometry approaches for translational research: From biomarker discovery to clinical applications
Christiane Auray-Blais, Université de Sherbrooke, Canada
Title: Multidimensional mass spectrometry methods for synthetic polymer analysis
Chrys Wesdemiotis, University of Akron, USA
Title: Ambient pressure molecular concentration mapping at surfaces using mev-secondary ion mass spectrometry (mev sims)
Roger Webb, University of Surrey, UK
Title: Sample preparation for mass spectrometry
Sermin Tetik, University of Marmara, Turkey

Panel Discussion

Day 2 July 14, 2015

Keynote Forum

Eduard Rogatsky
Albert Einstein College of Medicine, USA

Michal Dadlaz
University of Warsaw, Poland

Track 5: New Approaches in Mass Spectrometry

Session Chair: Eduard Rogatsky, Albert Einstein College of Medicine, USA
Session Co-chair: Hans-Arno Synal, Swiss Federal Institute of Technology, Switzerland

Session Introduction

Title: Liquid chromatography- multi stage high resolution mass spectrometry to identify new anticoagulant major degradation pathways
Bernard Do, Université Paris-Saclay, France
Title: Latest developments in accelerator mass spectrometry
Hans-Arno Synal, Swiss Federal Institute of Technology, Switzerland
Title: Quantitative analysis of the mitochondrial proteome and phosphoproteome in the yeast Saccharomyces cerevisiae
Lemaire Claire, Université Paris-Sud, France
Title: Miniaturized solid phase extraction of flavanones from citrus fruits by ultrahigh-performance liquid chromatography coupled with quadrupole time-of-flight tandem mass spectrometry
Jun Cao, Hangzhou Normal University, China

Networking & Refreshments @ Foyer

Title: The effects of dietary unsaturated fatty acids on prostate cancer – A proteomic approach
Mu Wang, Indiana University, USA
Title: Determination of the specialty status of different types of coffees by proton transfer reaction-mass spectrometry
Yannick Weesepoel, Institute of Food Safety, The Netherlands
Title: Ion mobility separation coupled with ms reveals alternative structural forms of alzheimer's disease a peptide
Michal Dadlaz, University of Warsaw, Poland
Title: High-resolution MCsn+ - SIMS: An innovative mass spectrometric technique for compositional analysis of quantum structures without 'standards'
Purushottam Chakraborty, Saha Institute of Nuclear Physics, India
Title: Untargeted direct mass spectrometry for obtaining base-line fingerprints of authentic herbs and spices
Isabelle Silvis, Institute of Food Safety, The Netherlands

Lunch Break @ Restaurant

Track 2: Mass Spectrometry Configurations and Techniques

Session Chair: Paul G Wenthold, Purdue University, USA
Session Co-chair: Friso H W Van Amerom, SRI International, USA

Session Introduction

Title: Intact-cell mass spectrometry for mammalian cell identification and authentication
Petr Vaňhara, Masaryk University, Czech Republic
Title: Mass spectrometric investigation of the decomposition of canonical structures of α-amino acids
Paul G Wenthold, Purdue University, USA
Title: Effect of intake of butter with different level of medium chain fatty acids and different types of milk proteins on the observed metabolites in human biofluids - Assessed by an untargeted metabolomics approach using LC and GCQ-ToF
Trine K Dalsgaard, Aarhus University, Denmark
Title: Deep discovery of biomarkers in proximal fluid of liver cancer patient-derived-xenograft models
Hon-chiu Eastwood Leung, Baylor College of Medicine, USA

Networking & Refreshments @ Foyer

Title: Quantitation of 14C-GDC-0032 (14C-taselisib) in human plasma by UPLC-accelerator mass spectrometry for the determination of absolute bioavailability of GDC-0032 in human
Xiao Ding, Department of Drug Metabolism and Pharmacokinetics in Genentech, USA
Title: Experimental evaluation of micro-ion trap mass spectrometer geometries
Friso H W Van Amerom, SRI International, USA
Title: Overview of Mass Spectrometry
Sermin Tetik, University of Marmara, Turkey
Title: History of mass measurements with time-of-flight mass analyzers
Hermann Wollnik, New Mexico State University, USA
Title: Determination of additives, contaminants and byproducts in insulating liquids with desorption electrospary mass spectrometry
Shubhen Kapila, Missouri University of Science and Technology, USA
Title: Oxidation of benzylalcohols in presence of Ni/Bi2WO6 nanoparticles synthesized by simple hydrothermal method
Rahmatollah Rahimi, Iran University of Science and Technology, Iran

Poster Presentations @ Foyer

Day 3 July 15, 2015

Track 3: Ionization Techniques
Track 8: Mass spectrometry Imaging

Session Chair: Huan-Tsung Chang, National Taiwan University, Taiwan
Session Co-chair: Wenjie F Cao, SABIC Technology Center, Saudi Arabia

Session Introduction

Title: Analyzing the thermal- and thermo-oxidative degradation of polymers by a combination of thermal solid-phase extraction and thermal desorption (TED-GC-MS)
Erik Duemichen, BAM Federal Institute of Material Research and Testing, Germany
Title: Gas-phase fragmentation chemistry of protonated ions: Models, structures, energetics and dynamics
Benjamin J Bythell, University of Missouri-St. Louis, USA
Title: Peptide hormones: The sensitivity quest and sensitivity questions
Eduard Rogatsky, Albert Einstein College of Medicine, USA

Networking & Refreshments @ Foyer

Title: Analysis of biomolecules through nanomaterials based mass spectrometry
Huan-Tsung Chang, National Taiwan University, Taiwan
Title: Complications of adduct ions on mrm at different lc-ms/ms ionization techniques
Wenjie Cao, SABIC Technology Center, Saudi Arabia
Title: Simple and efficient oxidation of thiols to disulfides using SnO_2 nanostructures
Rahmatollah Rahimi, Iran University of Science and Technology, Iran
Title: Mass spectrometry imaging and localized omics studies
Olivier Laprévote, Paris Descartes University, France

Lunch Break @ Restaurant

Title: Highly selective oxidation of benzyl alcohol to benzaldehyde catalyzed by Zn-Fe_2O_4@ZnO core-shell nanostructures
Rahmatollah Rahimi, Iran University of Science and Technology, Iran
Title: On the role of quasi-free electrons in photoionization of atomic and molecular clusters using nanosecond laser pulses
Rajesh K Vatsa, Bhabha Atomic Research Centre, India
Title: Oxidation of benzyl alcohols in presence of sulfur/graphene
Rahmatollah Rahimi, Iran University of Science and Technology, Iran

Panel Discussion

Award Ceremony