Drug Analysis 2014

Confirmed Speakers

Confirmed Plenary Lectures

Pharmacometabolomics: a Tool for Drug Discovery and Personalised Medicine



Coral BARBAS
(SAN PABLO - CEU UNIVERSITY, Madrid, Spain)

Quality Control of Chinese Herbal Medicines



Rudolf BAUER
(UNIVERSITY OF GRAZ, Graz, Austria)

State of the Art Mass Spectrometry Methods for Antibodies, Biosimilars, Bispecifics and ADCs Characterization



Alain BECK
(PIERRE FABRE, St Julien-en-Genevois, France)

Tutorial: An Analysis of the New USP Validation Guidelines



Bruno BOULANGER
(ULG, Liege, Belgium)

Tutorial: Separation of Enantiomers of Chiral Drugs by Liquid-Phase Techniques



Bezhan CHANKVETADZE
(TBILISI STATE UNIVERSITY, Tbilisi, Georgia)

New Analytical Strategies for Drug Metabolism Studies



Filip CUYCKENS
(JOHNSON & JOHNSON PHARMACEUTICAL, Beerse, Belgium)

Is Modern SFC a Viable Alternative to RPLC in Pharmaceutical Analysis?



Davy GUILLARME
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

Spatially-Resolved Analysis of Metallopharmaceuticals by Elemental Bioimaging



Uwe KARST
(UNIVERSITY OF MUENSTER, Muenster, Germany)

The Nanoliter Lab: Using Droplet Microfluidics to Screen Enzymes and Protein-Protein Interactions

Drug Analysis 2014

Confirmed Speakers



Robert KENNEDY
(UNIVERSITY OF MICHIGAN, Michigan, United States)

Analytical Quality by Design



David LLOYD
(BRISTOL-MYERS SQUIBB, New Brunswick, United States)

Nanoimmunoaffinity Extraction and Analysis of Biomarkers of Oxidative Stress



Michael LÄMMERHOFER
(EBERHARD KARLS UNIVERSITY TÜBINGEN, Tübingen, Germany)

Analytical Armamentarium for the Structural Characterization of Neo-Glycoproteins



Gabriella MASSOLINI
(UNIVERSITY OF PAVIA, Pavia, Italy)

SPME-LC-MS for Drug Bioanalysis, a New Tool for *in vivo* Sampling and High Throughput Determinations



Janusz PAWLISZYN
(UNIVERSITY OF WATERLOO, Waterloo Ontario, Canada)

Analytical Microextraction Across Supported Liquid Membranes - Principles, Applications and Recent Developments



Stig PEDERSEN BJERGAARD
(UNIVERSITY OF OSLO, Oslo, Norway)

Development of Selective Extraction Sorbents from the Macro- to the Microscale for the Trace Analysis in Complex Media



Valerie PICHON
(ESPCI, Paris, France)

Analytical Needs within Innovative Manufacturing of Future Pharmaceuticals



Jukka RANTANEN
(UNIVERSITY OF COPENHAGEN, Kobenhavn, Denmark)

Utility of CE-MS and HILIC-MS for Untargeted Analysis of the Anionic Urinary Metabolome



Govert SOMSEN
(VU UNIVERSITY AMSTERDAM, Amsterdam, The Netherlands)

Drug Analysis 2014

Confirmed Speakers

Proteomics, Bioinformatics and Biopharmaceuticals



Alain VAN DORSSELAER
(UNIVERSITY OF STRASBOURG, Strasbourg, France)

Analysis of Large Biomolecules: New Strategies



Jean-Luc VEUTHEY
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

Building on Success - Metabolic Profiling for Patients and Populations



Ian D. WILSON
(IMPERIAL COLLEGE LONDON, London, United Kingdom)

Towards Personalised Medicine Based on Metabolomics with Mass Spectrometry



Guowang XU
(DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, Dalian, China)

Oral Communications

Full Evaporation Headspace Gas Chromatography for Analysis of High Boiling Organic Compounds

Erwin ADAMS
(KULEUVEN, Leuven, Belgium)

Determination of Drug-Albumin Binding Modes by Induced CD Spectroscopy and TD-DFT Calculations

Carlo BERTUCCI
(UNIVERSITY OF BOLOGNA, Bologna, Italy)

Antibody-Free Bioanalysis of Proteins and Peptides in Complex Body Fluids at The PM Level By LC-MS/MS



Rainer BISCHOFF
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

Highly Enantioselective Mip-Based Porous Ultra-Thin Film in The Fabrication of an Electrochemical Sensor for the Chiral Analysis of beta-Blockers

Ede BODOKI
("IULIU HATIEGANU" UNIVERSITY OF MEDICINE AND PHARMACY, Cluj-Napoca, Romania)

Surface Acoustic Wave Biosensor as an Analytical Tool in Pharmaceutics: A Quality by Design Approach

Nathalie BRACKE
(GHENT UNIVERSITY, Ghent, Belgium)

Supporting Analytical Quality by Design with Informatics - A Silent Enabler

Dan CHAPMAN
(WATERS CORPORATION, Elstree, Herts, United Kingdom)

Cell Culture Monitoring by Near Infrared Spectroscopy

Confirmed Speakers

Matthieu CLAVAUD
(?F. HOFFMANN - LA ROCHE LTD, ?Kaiseraugst, Switzerland)

Validation of the Analytical Procedure for the Determination of the Underivatized Neurotoxin Beta-N-Methylamino-L-Alanine by LC/MS-MS in Environmental Samples and in Human Brain

Audrey COMBES
(ESPCI, Paris, France)

Synthesis and Degradation Impurities in Peptide Drugs

Matthias D'HONDT
(UGENT, Gent, Belgium)

Development of a Multiplexed Surface-Enhanced Raman Scattering Quantitatve Approach for Bisphenol Detection

Charlotte DE BLEYE
(ULG, Liege, Belgium)

Capillary Electrophoresis - Mass Spectrometry for Characterization of Protein Drugs and Determination of Protein-Protein Interactions

Gerhardus J. DE JONG
(UTRECHT UNIVERSITY, Utrecht, The Netherlands)

NMR in the Pharmaceutical and Biomedical Areas for Identification and Quantification of Drugs and Metabolomic Applications

Pascal DE TULLIO
(ULG, Liege, Belgium)

Residual Solvents: A Potential Threat Present In Counterfeit Medicines

Eric DECONINCK
(WIV-ISP, Brussel, Belgium)

In-Line Mammalian Cells Culture Monitoring: Comparison of Predictive Performances Offered by NIR and Raman Spectroscopies

David DIDION
(UMONS, Mons, Belgium)

Quantitative Performances of UHPSFC AND UHPLC: A Comparative Study

Amandine DISPAS
(ULG, LIEGE, Belgium)

LC-SPE-NMR Identification and NMR Quantification of Salvia Fruticosa Phytochemicals with Antifungal Activity

Vasiliki EXARCHOU
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

Mass Spectrometric Approach for the Characterization of Inhibitors of Amiloyd Aggregation Process

Jessica FIORI
(UNIVERSITY OF BOLOGNA, Bologna, Italy)

Parallel Artificial Liquid Membrane Extraction (Palme) – An Innovative Implementation of Supported Liquid Membrane Extractions into a Multiwell Plate

Astrid GJELSTAD
(UNIVERSITY OF OSLO, Oslo, Norway)

Preparation of Molecularly Imprinted Polymers for Hydrophilic Compounds by Modified Precipitation Polymerization

Jun HAGINAKA
(MUKOGAWA WOMEN'S UNIVERSITY, Hyogo, Japan)

Confirmed Speakers

Immunoaffinity + LC-MS/MS: An Alternative Approach for Antibody Selectivity Evaluation?

Trine G. HALVORSEN
(UNIVERSITY OF OSLO, Oslo, Norway)

In-Depth Glycan Analysis of the Biotherapeutic Enbrel (Etanercept) Using HILIC UPLC/FLR and Mass Spectrometry

Mark HILLIARD
(NATIONAL INSTITUTE FOR BIOPROCESSING RESEARCH & TRAINING, Blackrock, Ireland)

Quantitation of Hepcidin in Dried Blood Spots by Microfluidic LC-CHIP/MS-MS

Virginie HOUBART
(ULG, Liège, Belgium)

HPLC Chiral Separation of N-Fluorenylmetoxycarbonyl Alpha-Amino Acids Using Polysaccharide Based Chiral Stationary Phase

Marc JACOB
(PHENOMENEX, Torrance, United States)

Functionalized Polymeric Monolithic Columns in Micro-Hplc for Pharmaceutical Analysis



Zhengjin JIANG
(JINAN UNIVERSITY, Guangzhou, China)

Microflow LC-MS/MS of Human Osteopontin Using an Extended Peptide Internal Standard to Track Digestion and Immunocapture Variability

Thomas KARNES
(VIRGINIA COMMONWEALTH UNIVERSITY, Richmond, Virginia, United States)

The Medium-Throughput Determination of Hydrophobicity and Dissociation Constant by LC-MS

Lukasz KUBIK
(MEDICAL UNIVERSITY OF GDANSK, Gdansk, Poland)

Expanding the Role of Capillary Electrophoresis with Mass Spectrometry Detection (CESI-MS) for the Development, Characterization & Control of Biologics

Stephen LOCK
(AB SCIEX, Warrington, United Kingdom)

In Vivo Monitoring of Neuropeptides In the Rat Hippocampus Using Nano UPLC-ESI-MS/MS

Katrien MAES
(VRIJE UNIVERSITEIT BRUSSEL, Jette, Belgium)

Definition of a Generic Chiral Separation Strategy on Polysaccharide-Based Chiral Stationary Phases in Supercritical Fluid Chromatography



Debby MANGELINGS
(VRIJE UNIVERSITEIT BRUSSEL, Brussels, Belgium)

Determination of the Enantiomeric Ratio of Drugs Using New SFC-MS/MS Instruments

Maria Kristina PARR
(FREE UNIVERSITY BERLIN, Berlin, Germany)

Development of Analytical Methodology to Support a QBD Approach to Formulation Design: A Case Study

Emma QUIRK
(BRISTOL-MYERS SQUIBB, Wirral, United Kingdom)

Drug Analysis 2014

Confirmed Speakers

Sheathless Capillary Electrophoresis-Mass Spectrometry: An Enabling Technology for Small-Volume Metabolomics Studies



Rawi RAMAUTAR
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

Gas Pressure Assisted Micro-Liquid-Liquid-Extraction-nanoESI-DI-MS: A New Fully-Automated Platform for Bionanalysis

Robert-Jan RATERINK
(LEIDEN UNIVERSITY, Leiden, The Netherlands)

In-Vitro Phenotyping for Toxicological Purposes: New Insights with the Cocktail Approach



Serge RUDAZ
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

Development of Highly Selective LC/MS Assay for Vitamin D Metabolites

Gwenael SCOLAN
(SIGMA-ALDRICH, Poole, United Kingdom)

Anders FRIDSTROM
(SIGMA-ALDRICH, Buchs, Switzerland)

Study of Virus-Like Particles of Human Papillomavirus (HPV-VLP) by Capillary Electrophoresis



Anne-Catherine SERVAIS
(UNIVERSITY OF LIÈGE, Liege, Belgium)

Why Capillary Electrophoresis is an Ideal Tool for Drug Screening

Myriam TAVERNA
(UNIVERSITE PARIS SUD, Chatenay Malabry, France)

Possibilities of Retention Modeling for HILIC and SFC Separations

Eva TYTECA
(VRIJE UNIVERSITEIT BRUSSEL, Elsene, Belgium)

Hyphenated Techniques for the Bioanalytical Study of Enzymes

Ann VAN SCHEPDAEL
(KULEUVEN, Leuven, Belgium)

Investigations of Metalloproteins and their Interactions by Affinity Capillary Electrophoresis (ACE)

Hermann WÄTZIG
(TECHNICAL UNIVERSITY BRAUNSCHWEIG, Braunschweig, Germany)