Scientific Program

International Conference and Exhibition on

Advances in HPLC & Chromatography Techniques

March 14-15, 2016  London, UK
Day 1  March 14, 2016

08:00-09:30  Registrations

Gates

OMICS International conferenceseries.com 09:30-09:55

Opening Ceremony

Keynote Forum

09:55-10:00  Introduction

09:30-10:00  Boguslaw Buszveski
Nicolaus Copernicus University, Poland

10:00-10:30  Kal Karim
University of Leicester, UK

10:30-11:00  Gerhard Kratz
ABCR GmbH & Co. KG, Germany

Group Photo

Networking & Refreshments Break 11:00-11:20

Track 1: Advances in Various Chromatographic Techniques
Track 2: Fundamentals and Advances in Liquid Chromatographic Separation
Track 3: Advances in HPLC Instrumentation
Track 4: Hyphenated HPLC methods
Track 5: Chip Based Separations

Session Chairs: Jacob de Boer, VU University, The Netherlands
Boguslaw Buszveski, Nicolaus Copernicus University, Poland

Session Co-chair: Kal Karim, University of Leicester, UK

Session Introduction

11:20-11:45  Development of analytical fingerprints for the quality control of snake venoms raw substances
Gaelle Coussot, University de Montpellier, France

11:45-12:10  Novel high performance polymer-based anion exchangers for ion chromatography
Aleksandra Zatirakha, Lomonosov Moscow State University, Russia

12:10-12:35  Study of amphiphile molecules by RP-UHPLC-DAD/CAD for vectorization applications
Karen Gaudin, Universitéof Bordeaux, France

12:35-13:00  Hydrodynamic chromatography coupled to ICP-MS for studying nanoparticles in complex media
Allan Philippe, Koblenz-Landau University, Germany

Lunch 13:00-14:00

14:00-14:25  Micro/nano fluid handling system using surface acoustic wave
Hiroki Kuwano, Tohoku University, Japan

14:25-14:50  The Orthogonal Pressurized Planar Electrochromatography (OPPEC) - its application to micro-preparative separation
Rafal Gajos, Medical University of Lublin, Poland

14:50-15:15  Application of polyvinylpyrrolidone-poly styrene composite nanofibers coupled with high performance liquid chromatography in the analysis of several polar molecules
Lanling Chu, Southeast University, China

15:15-15:40  Cell-type metabolic analysis: A new tool for understanding metabolic heterogeneity
Arieh Moussaieff, Hebrew University, Israel

Panel Discussion

15:50-16:15  Comprehensive Multi-Dimensional Liquid Chromatography for Effect-Directed Analysis in
Effluents and Surface Water
Jacob de Boer, VU University, The Netherlands

Headspace microextraction in packed sorbent coupled to cooling device as a new extraction technique for the HPLC determination of PAHs in soil samples
Payman Hashemi, Lorestan University, Iran

09:30-10:00  Introduction

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Nicolaus Copernicus University, Poland

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VU University, The Netherlands

10:30-11:00 Dusan Berek
Slovak Academy of Sciences, Slovakia

Track 6: High Efficiency and High Resolution Techniques
Track 7: Method Development
Track 8: Chemometric Optimization
Track 9: Applications of HPLC
Track 10: Biochemical Applications

Session Chair: Dusan Berek, Slovak Academy of Sciences, Slovakia
Session Co-chair: Hiroki Kuwano, Tohoku University, Japan

Session Introduction

11:20-11:45 Simultaneous Determination of Vitamin D-2, D-3 and their 25-Hydroxy Metabolites in Human Plasma by Ultra-Performance Liquid Chromatography
Syed N Alvi, King Faisal Specialist Hospital & Research Centre, Saudi Arabia

11:45-12:10 Proteolysis inside a coated capillary: new development for the Quality Control of therapeutic antibodies?
Gaelle Coussot, University de Montpellier, France

12:10-12:35 approaches for the development of analytical methods in pharmaceutical sciences
Ludivine Ferey, Universityof Bordeaux, France

12:35-13:00 Two-dimensional Microscale Sample Pretreatment Technique for MS/MS Comprehensive Analysis of Complex Samples
Donghao Li, Yanbian university, China

Lunch 13:00-14:00

Poster Presentation 14:00 - 15:00

HPLC-P-01 Application of Green Micellar UPLC for Analysis of the Anti-epileptic Levetiracetam and Its Toxic Impurity
Nada Abdelwahab, Beni-Suef University, Egypt

HPLC-P-02 Development of a general gas chromatography method for the quantitation of residual solvents using a QbD approach
Cátia Sousa, Hovione Farma Ciencia, Portugal

HPLC-P-03 UPLC method implementation: Saving time and costs
Cátia Sousa, Hovione Farma Ciencia, Portugal

HPLC-P-04 Eco-friendly RP-HPLC DAD determination of the anticancer flutamide and its toxic synthesized metabolites
Nehal Farid, Beni-Suef University, Egypt

HPLC-P-05 UPLC-C30 advances support approach to probe carotenoid isomers in Cyanobacteria inhabiting thermal springs in Saudi Arabia
Hatem E M Abdelwahab, University of Jeddah, KSA

HPLC-P-06 Separation of enantiomers of selected chiral beta-agonists with polysaccharide-based chiral stationary phases and aqueous mobile phases
Ann Gogolashvili, Tbilisi State University, Georgia

HPLC-P-07 Separation of enantiomers of selected chiral triazole derivatives with polysaccharide-based chiral stationary phases and aqueous mobile phases
Lali Thankvetadze, Tbilisi State University, Georgia

HPLC-P-08 Development of a stable and rapid UPLC quantification of vitamin C in food and pharmaceutical supplements
Hassan M Albishri, King Abdulaziz University, Saudi Arabia

15:00-16:00 Advanced Liquid Chromatography Methods for Comprehensive Molecular Characterization of Synthetic Polymers
Dusan Berek, Slovak Academy of Sciences, Slovakia

Networking & Refreshments Break 16:00-16:15

16:15-16:40 The methods for the determination of bioactive alkaloids of hallucinogenic mushrooms
Anna Poliwoda, Opole University, Poland

16:40-17:05 sensitive and rapid HPLC-UV method with back-extraction step for the determination of sildenafil in human plasma
Bayan Alkhawaja, University of Bath, UK

17:05-17:30 Interaction Liquid Chromatography (HILIC)
Eman Santali, University of Strathclyde, UK

Award Ceremony