

4th World Congress on

Chromatography

August 07-09, 2017 Rome, Italy



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
Toll Free: 1-888-843-8169, P: 702-508-5200, F: +1-650-618-1417

Conference Series - UK

Kemp House, 152 City Road, London EC1V 2NX, UK
Toll Free: +0-800-014-8923

Olimpica 2

conference**series.com** 09:15-09:30

Opening Ceremony

Keynote Forum

09:30-09:35 **Introduction**

Title: Evaluation of high-performance liquid chromatography columns retentivity with help of macromolecular probes

09:35-10:20

Dušan Berek, Polymer Institute - SAS, Slovakia

10:20-11:05

Title: Unsupervised contribution analysis: Revealing relevant objects

Jorge Costa Pereira, University of Coimbra, Portugal

Group Photo & Networking and Refreshments Break 11:05-11:20 @ Foyer

Sessions: High Performance Liquid Chromatography | Applications of Chromatography | Novel Techniques in Chromatography

Session Chair: Dušan Berek, Polymer Institute - SAS, Slovakia

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

Session Introduction

11:20-11:50

Title: Chromatographic analyses of tocots in palm in the absence of authentic standards

Ng Mei Han, Malaysian Palm Oil Board, Malaysia

11:50-12:20

Title: Bile salt: A biosurfactant or a pharmacokinetic predictive tool?

Dina Shokry, University of Huddersfield, UK

12:20-12:50

Title: Synchrotron radiation and size exclusion chromatography

Mellissa Graewert, EMBL Hamburg Outstation, Germany

Lunch Break 12:50-13:50 @ Hotel Restaurant

13:50-14:20

Title: High resolution monolithic columns - enabling tool for understanding viral structures and their purity

Aleš Štrancar, BIA Separations, Slovenia

14:20-14:50

Title: Prediction and mechanism elucidation of analyte retention on phospholipid stationary phases (IAM-HPLC) by in silico calculated physico-chemical descriptors

Giacomo Russo, Università degli Studi di Napoli Federico II, Italy

14:50-15:20

Title: Development and validation of analytical methods based on RP-HPLC:

Quantifying HER1 extracellular domain in culture supernatant and peptide mapping of a monoclonal antibody

Yadira S Prieto Curbelo, Center for Molecular Immunology, Cuba

Networking and Refreshment Break 15:20-15:35 @ Foyer

15:35-16:05

Title: Applications of supercritical fluid chromatography for chiral metabolite separations in drug metabolism and pharmacokinetics environment

Hermes Licea Perez, GlaxoSmithKline, USA

16:05-16:35

Title: Waterborne metabolites as indicators to the growth phases of macroalga Ulva (Chlorophyta) in aquacultures

Taghreed Alsufyani, Taif University, KSA

16:35-17:05

Title: Hydrophilic interaction chromatography-tandem mass spectrometry for the cellular analysis: opportunities and cOlimpica 2enges

Yuliya E Silina, INM-Leibniz Institute for New Materials, Germany

Panel Discussion 17:05-17:15

Day 2 August 08, 2017

Olimpica 2

Keynote Forum

10:00-10:45 Title: **Analytical cOlimpica 2enges in method development for drug eluting stents**
Marika Kamberi, Abbott Vascular Inc., USA

10:45-11:30 Title: **Liquid Chromatography for Enantiomeric Purity of Chiral Pharmaceuticals**
Ravi Bhushan, Indian Institute of Technology Roorkee, India

Networking & Refreshments Break 11:30-11:45 @ Foyer

Sessions: High Performance Liquid Chromatography | Applications of Chromatography | Advancement in Chromatography

Session Chair: Dušan Berek, Polymer Institute - SAS, Slovakia

Session Co-chair: Mellissa Graewert, EMBL Hamburg Outstation, Germany

Session Introduction

11:45-12:15 Title: **Development and validation of an HPLC method for determination of the eplerenone in rat plasma**
Ebru TÜRKÖZ Acar, Yeditepe University, Turkey

12:15-12:45 Title: **Therapeutic drug monitoring of busulfan by UPLC-tandem mass spectrometry**
Kamal Matar, Kuwait University, Kuwait

12:45-13:15 Title: **Progress in liquid chromatography of synthetic polymers**
Dušan Berek, Polymer Institute - SAS, Slovakia

Lunch Break 13:15-14:15 @ Hotel Restaurant

14:15-14:45 Title: **All ion differential analysis in product control applications using comprehensive GCxGC/MS**
Marco Ruijken, MsMetrix, Netherlands

14:45-15:15 Title: **HPLC enantioseparation of (RS)-Isoprenaline and enhanced detection in human plasma and commercial sample: Establishment of configuration and elution order in the absence of pure isomer**
Ravi Bhushan, Indian Institute of Technology Roorkee, India

15:15-15:45 Title: **Enantioseparation on optically active poly(diphenylacetylene)s as chiral stationary phases for HPLC**
Katsuhiko Maeda, Kanazawa University, Japan

Networking & Refreshments Break 15:45-16:00 @ Foyer

Poster Presentations 15:45-16:15 @ Foyer

CGY-01 Title: **UHPLC-MS/MS analysis of thyreostats in serum**
Sebastian Witek, National Veterinary Research Institute, Poland

CGY-02 Title: **Application of a strategy based on metabolomics guided promoting blood circulation bioactivity compounds screening of vinegar**
Zhenli Liu, Institution of Basic Theory-China Academy of Chinese Medical Sciences, China

CGY03 Title: **Platform chromatographic purification of AAV gene therapy vectors**
Aleš Štrancar, BIA Separations, Slovenia

CGY-04 Title: **An effective methodology for analyzing dinotefuran and its metabolites in plum using liquid chromatography-tandem mass spectrometry**
Md Musfiqur Rahman, Chonnam National University, South Korea

CGY-05 Title: **Residue analysis of amisulbrom in oriental melon (Cucumis melo L. var. makuwa) cultivated in plastic house conditions: Dissipation kinetics, pre-harvest residue limits, and risk quotients assessment**
Md Humayun Kabir, Chonnam National University, South Korea

CGY-06 Title: **Determination kinetics and pre-harvest residue limit of pyriofenone in oriental melon (Cucumis melo var. makuwa) grown under regulated climatic conditions**
Hyung Suk Chung, Chonnam National University, South Korea

CGY-07 Title: **Quantification of acetamiprid and thiacloprid residues in field-incurred butterbur samples using liquid chromatography-tandem mass spectrometry**
Han Sol Lee, Chonnam National University, South Korea

- CGY-08** Title: Analysis of chlorinated compounds, phenolic compounds, styrenes, indene, dicyclopentadiene, dihydrocyclopentadiene, cumene, benzene, toluene, ethylbenzene and xylenes in fuel oil by headspace GC-MS
Felix Anyakudo, Farmaceutische Analyse, Belgium
- CGY-09** Title: Goat milk polyunsaturated fatty acids determination by gas chromatography
Mariana Ropota, INCDBNA-IBNA, ROMANIA
- CGY-10** Title: Development of LC-Q-TOF-MS and LC-MS/MS method for the determination of Grayanotoxins in foodstuffs and its application to food science study
Taeik Hwang, National Institute of Food and Drug Safety Evaluation, Republic of Korea
- CGY11** Title: HPLC-fluorescence method for the enantioselective analysis of propranolol in rat serum using immobilized polysaccharide-based chiral stationary phase
Ayman K Al- Suwailem, King Saud University, Saudi Arabia
- CGY-12** Title: Use of an RP-HPLC method to determine the lysine content in seven varieties of peas
Raluca Paula Turcu, INCDBNA-IBNA, Balotesti, Romania
- CGY-13** Title: High performance and ultra-high performance liquid chromatography for determination of organic acids - intermediates of branched-chain amino acids biosynthesis in Escherichia coli strains
D O Varlamova, Ajinomoto-Genetika Research Institute, Moscow, Russia
- CGY-14** Title: Product control using differential GC/MS and comprehensive GCxGC/MS
Marco Ruijken, MsMetrix, Netherlands
- CGY-15** Title: Chromatographic monitoring of febantel after biodegradation and advanced oxidation processes
Danijela Ašperger, University of Zagreb, Croatia
- CGY-16** Title: Liquid phase micro-extraction in-situ derivatization for determination of estrogens in water by gas chromatography-tandem mass spectrometry
Maw-Rong Lee, National Chung Hsing University, Taiwan
- CGY-17** Title: Application of combined chromatographic techniques in the screening and separation of complex triterpenoid saponins from Pithecellobium saman
Maria de Fátima Simão Jucá Cruz, The Institute of Research of Natural Products Walter Mors, Brazil
- CGY-18** Title: PATfix™ - At-line monitoring of impurities and critical quality attributes in biopharmaceutical up- and downstream processes using HPLC fingerprinting
Aleš Štrancar, BIA Separations, Slovenia

Award Ceremony

Day 3 August 09, 2017

Networking & Lunch 12:30-13:30 @ Hotel Restaurants

Bookmark your dates

5th World Congress on

CHROMATOGRAPHY

September 13-14, 2018 Prague, Czech Republic

E-mail: chromatography@conferenceseries.net; chromatography@chemistryconference.org

Website: chromatography.conferenceseries.com