

Scientific Program

Joint Event

**10th World Congress on
Pharmacology**

&

**6th International Conference and Exhibition on
Advances in Chromatography
& HPLC Techniques**

August 02-03, 2018 | Barcelona, Spain

UK: Conference Series llc LTD

47 Churchfield Road, London, W3 6AY

Toll Free: +0-800-014-8923

Day-1

August 02, 2018

09:00-09:30 Registrations

Opening Ceremony

09:30-09:50

Meeting Hall: Silverstone

KEYNOTE FORUM

09:50-10:00 Introduction

10:00-10:35 **Title: The development of spheres-on-sphere silica particles for fast and efficient HPLC separation**
Haifei Zhang, University of Liverpool, UK

10:35-11:10 **Title: Ion chromatography solution for applied pharmaceutical markets**
Sergio Guazzotti, Thermo Fisher Scientific, USA

GROUP PHOTO 11:10-11:15

Networking & Refreshments 11:15 - 11:30 @ Foyer

Sessions: Analytical and Bioanalytical Applications of Chromatography-HPLC | Biochemical Applications of Chromatography-HPLC | Chromatography-HPLC in Bio-Medical research | Chromatography-HPLC in Food Sciences
Chromatography-HPLC in Pharmaceutical Analysis

Chair: Clydewyn M Anthony, The United States Pharmacopeial Convention (USP), USA

INTRODUCTION

11:30-11:55 **Title: Monolithic chromatographic supports employed in virus separation and purification**
Mladen Krajacic, University of Zagreb, Croatia

11:55-12:20 **Title: Immobilized artificial membrane chromatography as a tool in medicinal chemistry and in environmental sciences**
Fotios Tsopeas, National Technical University of Athens, Greece

12:20-12:45 **Title: The study of naproxen desorption from the silica by RP-HPLC**
Monika Šuleková, University of Veterinary Medicine and Pharmacy in Košice, Slovakia

12:45-13:10 **Title: Chiral HPLC resolution of a potentially serious global health crisis**
Clydewyn M Anthony, The United States Pharmacopeial Convention (USP), USA

Lunch Break 13:10-14:00 @ Hotel Restaurant

Sessions: Pharmacology | Pharmacokinetics and Pharmacodynamics | Ethnopharmacology | Cardiovascular Pharmacology | Clinical Pharmacology and Receptor theory

Chair: Piotr Wojciechowski, Mossakowski Medical Research Centre, Polish Academy of Sciences, Poland

14:00-14:25 **Title: Effects of central RVD-Hemopressin (α) administration on anxiety, feeding behavior and hypothalamic neuromodulators in the rat**
Sheila Leone, "G. d'Annunzio" University, Italy

- 14:25-14:50** **Title:** The acute effect of *cannabis* on plasma, liver and brain ammonia dynamics
 Maria Laura Zuccoli, National Institute on Drug Abuse, USA
- 14:50-15:15** **Title:** S2T – A critical pillar & enabler of drug delivery patch pump
 Edith Bianchi, Pronat Medical, Israel
- 15:15-15:40** **Title:** Investigation on the effects of hydroalcoholic extract of *Levisticum officinale* on cGMP levels and PDE5 gene expression in breast cancer cell lines MCF-7 and MDA-Mb-468
 Ali Shaharki, University of Sistan and Baluchestan, Iran
- 15:40-16:05** **Title:** Neuropeptide FF diminishes the number of apnoeas and cardiovascular effects produced with systemic administration of endomorphin-1
 Piotr Wojciechowski, Mossakowski Medical Research Centre, Polish Academy of Sciences, Poland
- Networking & Refreshments 16:05 - 16:20 @ Foyer**
- 16:20-16:45** **Title:** Study of the effect of different phosphodiesterase (1,3,5) inhibitors on diclofenac-induced acute renal failure in rats
 Nermeen Salah El Deen, Cairo University, Egypt
- 16:45-17:10** **Title:** MPEP protection against hepatic ischemia/reperfusion injury is associated to TNF- α decrease
 Berardo C, University of Pavia, Italy

PANEL DISCUSSION

Day-2

August 03, 2018

Meeting Hall: Silverstone

KEYNOTE FORUM

- 10:00-10:35** **Title:** Models of chromatography separation and their application for improving the SEC resolution
 Milos Netopilik, Czech Academy of Sciences, Czech Republic

Sessions: Chromatography-HPLC Separation Techniques | Chromatography-Mass Spectroscopy Analysis | Major Chromatography Techniques | Method Development and Validation | Others

Chair: Tomasz Tuzimski, Medical University of Lublin, Poland

INTRODUCTION

- 10:35-11:00** **Title:** High-performance liquid chromatography mass spectrometry of thiolate-protected metal clusters
 Yuichi Negishi, Tokyo University of Science, Japan

Networking & Refreshments 11:00 - 11:15 @ Foyer

- 11:15-11:40** **Title: HPLC estimation of antioxidants via D-phenylalanine hydroxylation and tetrahydrobiopterin during oxidative stress**
Roberto Biondi, Alessandrescu Rusescu National Institute for the Health of Mother and Child, Romania
- 11:40-12:05** **Title: Role of chromatographic techniques for drug discovery and development**
Madhuri Singhal, Government M V M College, India
- 12:05-12:30** **Title: Isolation and identification of a natural diterpenoid from *Gymnocoronis spilanthoides* with trypanocidal activity**
Mariana Gabriela Selener, University of Buenos Aires (UBA), Argentina
- 12:30-12:55** **Title: Novel pyrazoline as a new reagent for quantifying primary alcohols using HPLC-FLD**
Amal Al Sabahi, Sultan Qaboos University, Oman

Lunch Break 12:55-13:45 @ Hotel Restaurant

- 13:45-14:10** **Title: Retention behavior of structurally-diverse drugs on biopartitioning micellar chromatography and its potential to estimate cell permeability**
Panagiotis Danias, National Technical University of Athens, Greece
- 14:10-14:35** **Title: Optimization of extraction conditions (QuEChERS/d-SPE) and quantitative analysis of xenobiotics (pesticides, dyes, medicines, bisphenols) in food products and biological samples using high-performance liquid chromatography (HPLC) combined with modern detection techniques**
Tomasz Tuzimski, Medical University of Lublin, Poland

POSTER PRESENTATIONS 14:35–16:00

Poster Judge: **Roberto Biondi**, Alessandrescu Rusescu National Institute for the Health of Mother and Child, Romania

- PCHP: 01** **Title: Glycyl-glutamine: A new hope in the treatment of depression?**
Sinan Cavun, Uludag University, Turkey
- PCHP: 02** **Title: Role of biobanking in discovering pharmacologic biomarker targets for the practice of precision medicine**
Richard L Summers, University of Mississippi Medical Center, USA
- PCHP: 03** **Title: Role of melatonin in the prevention of noise-induced hearing loss**
Flaszka E, CILcare, France
- PCHP: 04** **Title: Is mercury inhalation triggering the NF-KB pathway in the lungs? A histochemical study in rat model**
Bayçu C, Okan University, Turkey
- PCHP: 05** **Title: The effects of topiramate on liver and NPY levels in female obese rats: Stereological and histopathological study**
B Zuhail Altunkaynak, Okan University, Turkey
- PCHP: 06** **Title: Ophthalmic infection with *Dirofilaria repens* in Bulgaria**
Teodor Angelov, Medical University of Sofia, Bulgaria

- PCHP: 07** **Title: Local antinociceptive action of fluoxetine in the rat formalin assay: Role of L arginine/nitric oxide/cGMP/KATP channel pathway**
Behnam Ghorbanzadeh, Dezful University of Medical Sciences, Iran
- PCHP: 08** **Title: Atomic and isomeric high-resolution separation of thiolate-protected alloy clusters by reversed-phase high-performance liquid chromatography**
Sayaka Hashimoto, Tokyo University of Science, Japan
- PCHP: 09** **Title: Precise separation of gold clusters protected by hydrophilic thiolates and evaluation of their chemical compositions by LC/MS**
Kana Yoshida, Tokyo University of Science, Japan
- PCHP: 10** **Title: Application of serially-coupled columns in chiral liquid chromatography**
Tamara Alvarez-Segura, University of Valencia, Spain
- PCHP: 11** **Title: Sugars determination by UPLC-MS/MS and relation with acrylamide formation in bread**
Susana Jesus, National Institute of Health Doutor Ricardo Jorge, Portugal
- PCHP: 12** **Title: HPLC determination of naproxen from mesoporous silica**
Lucia Váhovská, University of Veterinary Medicine and Pharmacy, Slovakia
- PCHP: 13** **Title: Quantification of ethylene diamine tetra acetic acid in an incinerated ion-exchange resin matrix by solid-liquid phase extraction and RP-HPLC-UV analysis**
James A O'Hanlon, The University of Manchester, UK
- PCHP: 14** **Title: Determination of fatty acids by head space single drop microextraction gas chromatography (HS-SDME-GC)**
Aysel Berkkan, Gazi University, Turkey
- PCHP: 15** **Title: *Veronica spicata L.* - HPLC profile of phenolic compounds in hydrolates**
Nada Bezić, University of Split, Croatia
- PCHP: 16** **Title: Quantitative estimation of β sitosterol from plant *Terminalia bellerica***
Madhuri Singhal, Government M V M College, India
- PCHP: 17** **Title: Greenness assessment as per Eco-scale and AMVI matrices for the chromatographic assay of drugs in a semisolid dosage form and in tissues**
Nada S Ayish, Cairo University, Egypt
- PCHP: 18** **Title: Development of HPLC method for simultaneous determination of four steroid hormones in different matrices**
Areeg Z Alkarali, Misr International University, Egypt

PANEL DISCUSSION

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

Awards & Closing Ceremony