Scientific Program

7th International Conference and Exhibition on

Analytical & Bioanalytical Techniques

September 28-30, 2016   Orlando, USA
08:30-09:30 Registrations

09:30-09:50 Opening Ceremony

Keynote Forum

09:50-10:00 Introduction

10:00-10:45 Title: Electronic micro devices for neuron activity recording and mapping
Chen-Zhong Li, Florida International University, USA

Group Photo

Networking and Refreshments 10:45-11:15

11:15-12:00 Title: Quantitative multicolor single cell imaging cytometry for high-content drug screening based on nanoprobes
Joon Myong Song, Seoul National University, Korea

Sessions: Novel Approaches to Analytical and Bioanalytical Methods | Bioanalytical Methodology | Environmental Analytical Aspects
Session Chair: Yuhui (Henry) Zhao, Epcor Water Canada, Canada

12:00-12:30 Title: The application of proteins from less likely studied samples from south east
Jaya Vejayan, University Malaysia Pahang, Malaysia

12:30-13:00 Title: Increasing efficiency by using dual detector on VOC analysis with an agilent GC
Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Lunch Break 13:00-14:00

14:00-14:30 Title: Extractive electrospray ionization mass spectrometry for biosample analysis
Huanwen Chen, Jiangxi Key Laboratory for Mass Spectrometry and Instrumentation, China

14:30-15:00 Title: Separation of Peptides and Proteins in Tryptic Digest of Cytochrome C by Novel Step Elution Approach in Open Tubular Capillary Electrophromatography
Faiz Ali, Ulnha University, South Korea

15:00-15:30 Title: Characterization of honey in terms of physicochemical parameters and trace heavy metals. Amhara region
Esubalew Adugna, Addis Ababa University, Ethiopia

15:30-16:00 Title: The new photoelectric materials for analytical applications
Dongxue Han, Changchun Institute of Applied Chemistry-CAS, China

Networking & Refreshment Break 16:00-16:20

16:20-16:50 Title: Infrared spectroscopy combined with imaging modalities is a new technique to understand the disease pathology
S Kumar, Uppsala University, Sweden

Panel Discussion

Day 2  September 29, 2016

Salon 1

Keynote Forum

09:15-10:00 Title: Can “matrix effect” in LC/MS or LC/MS/MS assay be avoided or fully compensated
Miroslav Ryska, QUINTA-ANALYTICA, Czech Republic

10:15-11:00 Title: Comprehensive insights into tobacco smoke using TD-GCxGC-TOF MS with tandem ionisation
Peter J Baugh, Markes International Ltd, UK

Networking and Refreshments 11:00-11:20

11:20-12:00 Workshop on: LC/MS to UHPLC/MS method transfer: tips and tricks
by
Eduard Rogatsky, Albert Einstein College of Medicine, USA
Sessions: Applications of Analytical and Bioanalytical Methods
Session Chair: Eamonn Reading, King's College London, UK
Session Co-chair: Shengxi Jin, Labs-Mart Inc., Canada

12:00-12:30
Title: Elucidation of drug metabolite structural isomers using molecular modeling coupled with ion mobility mass spectrometry
Eamonn Reading, King's College London, UK

12:30-13:00
Title: Cynoprobe online, in process cyanide analyzer
Makhapa Makhafola, Mintek, South Africa

Lunch Break 13:00-13:45

13:45-14:15
Title: A chemotaxonomic study of medicinal cannabis
Shengxi Jin, Labs-Mart Inc., Canada

Title: Understanding the Transformation Pathways of Atmospheric Aerosols: Some Revelations from Analytical Chemistry Techniques
Song Gao, Stetson University, USA

14:15-14:45
Title: Comprehensive overview of biophysical studies of lipoprotein stability
Shobini Jayaraman, Boston University School of Medicine, USA

14:45-15:15
Title: Oral fluid LC-MS/MS analysis as ante-mortem detection of oxytetracycline in swine
Anna Gajda, National Veterinary Research Institute, Poland

Title: Comparative analysis of RP-HPLC, turbidimetric and UV methods used for the determination of cefepime hydrochloride in pharmaceuticals
Danilo Fernando Rodrigues, UNESP, Brazil

Title: Direct enantioenrichment of DL-mandelic acid by in situ immobilization of a general resolving agent on the magnetic multi wall carbon nanotube
Ghazale Daneshvar Tarigh, University of Tehran, Iran

Title: Dipeptidyl peptidase IV (DPP IV) inhibitors from plant extracts by TLC bioautography
Lihua GU, Shanghai University of Traditional Chinese Medicine, China

Title: Utility of capillary microsampling for rat pharmacokinetic studies: Comparison of tail-vein bleeds to jugular vein cannula sampling
J Wang, Sanofi Genzyme, USA

Title: Differential systemic exposure to galangin after oral and intravenous administration to rats
Junqing Zhang, Hainan Medical University School of Pharmacy, China

Title: Validation of ICP-OES and AAS method for the determination of magnesium in infant and follow-on formula
Kyung Mi Hwang, National Institute of Food and Drug Safety Evaluation, Korea

Title: Assessment of Feng-Liao-Chang-Wei-Kang as a potential inducer of cytochrome P450 3A4 and pregnane X receptors
Ling Huang, Hainan Medical University, China

Title: Analytical techniques for quantifying the ertapenem sodium with a look at green chemistry
Tahisa Marcela Pedroso, UNESP-Universidade Estadual Paulista, Brazil

Title: Multi-class method for the determination of antibacterials in honey by liquid chromatography-tandem mass spectrometry
Tomasz Bladek, National Veterinary Research Institute, Poland

Title: Piezoelectric positioning system technology for modulation of electrochemical imaging detection device
Wei Wang, Changchun Institute of Applied Chemistry-CAS, China

Title: Method development of carbohydrate profile for Abbott nutritional products using HPAEC/PAD
Yi Ding, Abbott Nutrition Research and Development, Singapore

Title: Analysis of Raman scattering signals for chemicals by using deep UV laser
Young Jin Koh, Agency for Defense Development, South Korea

Title: Measurement of Raman spectra for various real surfaces by using a 248 nm mobile Raman spectrometer
Young Jin Koh, Agency for Defense Development, South Korea

Networking and Refreshments 15:15-15:35

Poster Presentations: 15:35-17:00

AA01 Title: Oral fluid LC-MS/MS analysis as ante-mortem detection of oxytetracycline in swine
Anna Gajda, National Veterinary Research Institute, Poland

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Yi Ding, Abbott Nutrition Research and Development, Singapore

AA13 Title: Analysis of Raman scattering signals for chemicals by using deep UV laser
Young Jin Koh, Agency for Defense Development, South Korea

AA14 Title: Measurement of Raman spectra for various real surfaces by using a 248 nm mobile Raman spectrometer
Young Jin Koh, Agency for Defense Development, South Korea
Title: Rapid detection of aerosolized Bacillus spore particles by direct in situ analysis of MALDI-TOF mass spectrometry
Young-Su Jeong, Agency for Defense Development (ADD), South Korea

Title: Raman spectral characteristics of toxic chemicals analyzed by a 248 nm mobile Raman spectrometer
Young-Su Jeong, Agency for Defense Development (ADD), South Korea

Title: Characterization of sputter-deposited w-44cr-35al alloys and their corrosion behavior in aggressive media
Raj Kumar Kaphle, Tribhuwan University, Kathmandu, Nepal

Day 3 September 30, 2016

Salon 1

Sessions: Diagnostic Assays and Test Kits in analytical chemistry | New analytical Instrumentation and Equipment
Session Chair: Eduard Rogatsky, Albert Einstein College of Medicine, USA

Introduction

10:00-10:30 Title: Use of novel flow imaging particle analysis in biopharmaceutical formulation (FlowCam®)
Kent Peterson, Fluid Imaging Technologies, USA

10:30-11:00 Title: The development of semi-quantitative loop-mediated isothermal amplification (LAMP) assay using multi-well chip
Satoru Michiyuki, HEiken Chemical Co., Japan

Networking and Refreshments 11:00-11:20

11:20-12:00 Title: Electrochemical sensing based on modified interfaces and analytical instrument-integrated applications
Li Niu, Changchun Institute of Applied Chemistry-CAS, China

12:00-12:30 Title: Multiplexed, flexible and portable plasmonic biosensing on-chip
Jie He, University of Cincinnati, USA

12:30-13:00 Title: Smartphones for sensing
Yu Bao, Changchun Institute of Applied Chemistry-CAS, China

Lunch Break 13:00-13:45

Awards & Closing Ceremony

Bookmark Your Dates

9th Analytical & Bioanalytical Techniques Conference
October 02-04, 2017 Atlanta, USA

Website: www.analytical-bioanalytical.pharmaceuticalconferences.com
E-mail: analytica@conferenceseries.com, analytica@conferenceseries.net