Tentative Program

9th Annual Pharmaceutical Chemical Analysis Congress

October 02-03, 2017   Vienna, Austria

***For available speaker slots***

analysis@pharmaceuticalconferences.org

300+ Participation

14+ Interactive Sessions
15+ Keynote Lectures
75+ Plenary Lectures
5+ Workshops

Conference Secretariat
57 Ullswater Avenue, West End, Southampton, Hampshire, SO18 3QS, United Kingdom
Tel: +1-800-216-6499, Fax: +1-650-618-1417
Email: analysis@pharmaceuticalconferences.org, analysis@pharmaceuticalconferences.com

www.analysis.pharmaceuticalconferences.com
### Featured Speakers

**Introduction**

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>Analysis of Microbiomolecule-Nanoparticle Drug Delivery System using Circular Dichroism Spectroscopy</td>
<td>Roger M. Leblanc, University of Miami, USA</td>
</tr>
<tr>
<td>Investigation of drug distribution in pharmaceutical tablets using Raman spectroscopy</td>
<td>Abdal Shtawa, Sheffield Hallam University, UK</td>
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<tr>
<td>Ensure Quality Assurance for Companies and Institutions</td>
<td>Boyd L. Summers, Weber State University, USA</td>
</tr>
<tr>
<td>Quantitative Determination of Natural Colorants of Agro-industrial Waste Materials Using Supercritical Extraction Technique and High Performance Liquid Chromatography</td>
<td>Imeda Rubashvili, Ivane Javakishvili Tbilisi State University, Georgia</td>
</tr>
<tr>
<td>Real-Time PCR Method for Detection of Salmonella spp. in Environmental Samples</td>
<td>Kuppuswamy Kasturi, Northeast Regional Laboratory, USA</td>
</tr>
<tr>
<td>Integrating 180° DLS into on-line pharmaceutical processes and high-throughput robotics</td>
<td>Thomas D Benen, Microtrac GmbH, Germany</td>
</tr>
<tr>
<td>Liquid Chromatography-Tandem Mass Spectrometry Increases the Clinical Outcome from the Antimicrobial therapy used in Intensive Care Units</td>
<td>Nahed El-Najjar, University Hospital Regensburg, Germany</td>
</tr>
<tr>
<td>Anticandidal, Antibacterial, Cytotoxic and Antioxidant activities of Calendula Arvensis CA Flowers</td>
<td>Abdulmalik Abudunia, Mohammed V University, Morocco</td>
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**Speaker Slots are Available**

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<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>Castor Plant Wealth and Bioprospection for Medicinal, Cosmetic and Pharmaceutical Industries</td>
<td>A.A. Warra, Federal University</td>
</tr>
<tr>
<td>Cyrtopodion scabrum Extract as an Alternative Treatment for Gastrointestinal Cancer</td>
<td>Atefeh Sehatoleslam, Shiraz University of Medical Sciences</td>
</tr>
<tr>
<td>Health Risk of Lead Poisoning in Four Edible Snail Samples Obtained from Bayelsa State</td>
<td>Douye Markmanuel, Isaac Jasper Boro College of Education</td>
</tr>
<tr>
<td>In Vitro Assay of Antioxidant and Antidiabetic Potency White Saffron (Curcuma mangga Val.) Extract and Its Fractions</td>
<td>Dwiyati Pujimulyani, Mercu Buana University, Indonesia</td>
</tr>
<tr>
<td>Electromembrane extraction combined with capillary electrophoresis for the determination of metoclopramide and ondansetron in urine samples</td>
<td>Ehsan Sadeghi, Shahid Beheshti University</td>
</tr>
<tr>
<td>Electrophoresis of an Emulsion Droplet Near a Charged Plane</td>
<td>Shan-Chi Tsai, National Taiwan University, Taiwan</td>
</tr>
<tr>
<td>Titration of antirabies antibodies in vitro by immunofluorescence: evaluation of the microplate technique (FAVN test)</td>
<td>Ghezali Imene, Institut pasteur of Algeria, Algeria</td>
</tr>
<tr>
<td>Extraction and Characterization of Phytochemicals from White Seringa (Kirkia acuminata) Bark Extracts</td>
<td>J. Kugara, University of Zimbabwe</td>
</tr>
<tr>
<td>Title:</td>
<td>Effects of curcumin and insulin on glucose Transporter Translocation from Intracellular Compartments into the Cytoplasmic Membrane of C2C12 Myotubes</td>
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<tr>
<td>Javad Mohiti-Ardekani,</td>
<td>habil Sadoughi University of Medical Science</td>
</tr>
<tr>
<td>Title:</td>
<td>“In the Framework of Global Trade, Sustainability and Industry Demand for technological Innovation, what kind of sustainable “green” Chemical Engineering for the Design of the “Factory of Future”?”</td>
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</table>

<table>
<thead>
<tr>
<th>Title:</th>
<th>Can matrix effect in LC/MS or LC/MS/MS assay be avoided or fully compensated?</th>
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<tbody>
<tr>
<td>Miroslav Ryska,</td>
<td>QUINTA-ANALYTICA, s.r.o. Prague, Czech Republic</td>
</tr>
<tr>
<td>Title:</td>
<td>Spectrophotometric Methods for Simultaneous Determination of Rivaroxaban and Clopidogrel in Their Binary Mixture</td>
</tr>
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<thead>
<tr>
<th>Title:</th>
<th>Pharmaceutical Impurity Analysis of Raw Materials and Final Product by using analytical techniques</th>
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<tbody>
<tr>
<td>Muhammad Jehangir,</td>
<td>Novamed Group, Pakistan</td>
</tr>
<tr>
<td>Title:</td>
<td>Use of Calculated Indexes for Prioritization of Medicinal Plants in the Preparation of Improved Traditional Medicine (ITM)</td>
</tr>
<tr>
<td>Tsabang Nolé,</td>
<td>University of Yaounde, Cameroon</td>
</tr>
<tr>
<td>Title:</td>
<td>Chronotherapeutically active formulations of valsartan to treat early morning surge in blood pressure</td>
</tr>
</tbody>
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<thead>
<tr>
<th>Title:</th>
<th>Nanoparticles prepared from N,N-dimethyl, N-Octyl Chitosan as the Novel Approach for Oral Delivery of Insulin: Preparation, Statistical Optimization and In vitro Characterization</th>
</tr>
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<tbody>
<tr>
<td>Parham Norouzian,</td>
<td>Hamadan University of Medical Sciences</td>
</tr>
<tr>
<td>Title:</td>
<td>Biosynthesis of Zink-Indonesian Velvet Beans (Mucuna pruriens L.) Nanoparticles and its Anti-Parkinson Activity</td>
</tr>
<tr>
<td>Ratnainingsh Eko Sardjono,</td>
<td>Universitas Pendidikan Indonesia, Indonesia</td>
</tr>
<tr>
<td>Title:</td>
<td>Depression treatment in traditional Iranian madicine</td>
</tr>
<tr>
<td>Sara Bakhshaei,</td>
<td>Researcher of ParsiTeb Kohan Company</td>
</tr>
<tr>
<td>Title:</td>
<td>Influence of extraction solvent in determination of selected corticosteroids in herbal dermatological products</td>
</tr>
<tr>
<td>Snjezana Zubcic,</td>
<td>Agency for Medicinal products and Medical Devices of Croatia,Croatia</td>
</tr>
<tr>
<td>Title:</td>
<td>The stability of cefoperazone/sulbactam (sulperazone) in PD solutions</td>
</tr>
<tr>
<td>Somjing Roongiang,</td>
<td>Chiang Mai University, Thailand</td>
</tr>
<tr>
<td>Title:</td>
<td>Determination of pharmaceuticals in hospital and municipal wastewaters by using LC-LTQ Orbitrap mass spectrometry</td>
</tr>
<tr>
<td>Albanis Triantafyllos,</td>
<td>University of Ioannina, Greece</td>
</tr>
<tr>
<td>Title:</td>
<td>MSPD in combination with QUECHERS cleanup for the determination of antidepressants and antipsychotics in human hair by LC-Hybird LTQ Orbitrap MS</td>
</tr>
<tr>
<td>Triantafyllos Albanis,</td>
<td>University of Ioannina, Greece</td>
</tr>
<tr>
<td>Title:</td>
<td>Simulating wild animals' self-medication using human diseased-animal models to search new therapeutics. A novel insight on how to discover pharmaceuticals from natural medicines</td>
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<tr>
<td>Wael Ebied,</td>
<td>Abbott Laboratories S.A. - UAE,</td>
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<tr>
<td>Title:</td>
<td>Anti-obesity Potency of Mangosteen Peel Extract and Its Compounds on Mouse 3T3-L1 Preadipocytes</td>
</tr>
<tr>
<td>Name</td>
<td>Institution and Country</td>
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<tr>
<td>Wahyu Widowati</td>
<td>Maranatha Christian University, Indonesia</td>
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<tr>
<td>Weihui Hu</td>
<td>Division of Life Science and Center for Chinese Medicine, China</td>
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<tr>
<td>Yuan-Po Lee</td>
<td>Chia-Nan University of Pharmacy and Science, Taiwan</td>
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<tr>
<td>Jagdish V. Manwar</td>
<td>KYDSCT’s College of Pharmacy, India</td>
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<tr>
<td>Gupta PD</td>
<td>Manipal University, India</td>
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<tr>
<td>Prakash Kinthada</td>
<td>JNTU University in Ananthapur, India</td>
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For more Speaker Slots & Kindly contact: analysis@pharmaceuticalconferences.org
# Program at a Glance

## Day 1

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<tbody>
<tr>
<td>08.00-09.00</td>
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<td>09.00-09.15</td>
<td>09.15-09.45</td>
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<td>11.00-12.40</td>
<td>13.30-15.30</td>
<td>15.45-17.25</td>
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### Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<td></td>
<td></td>
<td>Coffee/Tea Break 10.40-10.55 (Networking)</td>
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<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>Lunch Break 12.35-13.25</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<td></td>
<td>Poster Sessions</td>
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<tr>
<td>15.20-17.00</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td></td>
<td>Closing Ceremony</td>
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</tbody>
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**NOTE**: Program Schedule is subject to change with final allotment of the speaker slots.

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**October 02-03, 2017   Vienna, Austria**
Glimpses of Pharma Analysis Conferences
Glimpses of Pharma Analysis Conferences
Major Scientific Sessions

- Pharmaceutical Development and Technology
- Advances and Applications in HPLC Techniques
- Regulatory Affairs
- Quality Control, Quality Assurance and Regulatory Filings
- Pharmaceutical Methods and Innovations in Pharma Industry
- Pharmaceutical Nanotechnology
- Chromatography
- Drug Formulation & Drug Design Pre-Formulation
- Bioavailability & Bioequivalence
- Separation Processes in Chemical Engineering
- Spectroscopy in Pharmaceutical Analysis
- Design and Analysis in Chemical Research

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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Conference Venue
Vienna, Austria

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Hyderabad 500032, INDIA
Tel: 040-33432309
Email: analysis@pharmaceuticalconferences.org
Best Tourist Destinations in Vienna, Austria

- Belvedere Palace
- Clock tower of the Wien Rathaus
- Munich Insider
- My garden on Pinterest
- Prague Sightseeing Tours
- Schönbrunn Palace
- Vienna city breaks
- Vienna Layove
Day 1  September 28, 2016

Salon 1

Opening Ceremony

Keynote Forum

Introduction

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

Group Photo

Networking and Refreshments

Title: Quantitative multicolor single cell imaging cytometry for high-content drug screening based on nanopores
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

Session Introduction

Title: The application of proteins from less likely studied samples from south east
Jaya Vejayan, University Malaysia Pahang, Malaysia
Title: Increasing efficiency by using dual detector on VOC analysis with an agilent GC
Yuhui (Henry) Zhao, Epcor Water Canada, Canada

Lunch Break

Title: Extractive electrospray ionization mass spectrometry for biosample analysis
Huanwen Chen, Jiangxi Key Laboratory for Mass Spectrometry and Instrumentation, China
Title: Separation of Peptides and Proteins in Tryptic Digest of Cytochrome C by Novel Step Elution Approach in Open Tubular Capillary Electrochromatography
Faiz Ali, Ulnha University, South Korea
Title: Characterization of honey in terms of physicochemical parameters and trace heavy metals. Amhara region
Esubalew Adugna, Addis Ababa University, Ethiopia
Title: The new photoelectric materials for analytical applications
Dongxue Han, Changchun Institute of Applied Chemistry-CAS, China

Networking & Refreshment Break

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

Title: Can “matrix effect” in LC/MS or LC/MS/MS assay be avoided or fully compensated
Miroslav Ryska, QUINTA-ANALYTICA, Czech Republic
Title: Comprehensive insights into tobacco smoke using TD-GCxGC-TOF MS with tandem ionisation
Peter J Baugh, Markes International Ltd, UK

Networking and Refreshments

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

**Title:** Elucidation of drug metabolite structural isomers using molecular modeling coupled with ion mobility mass spectrometry  
**Eamonn Reading,** King’s College London, UK

**Title:** Cynoprobe online, in process cyanide analyzer  
**Makhapa Makhafola,** Mintek, South Africa

**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

**Title:** Comprehensive overview of biophysical studies of lipoprotein stability  
**Shobini Jayaraman,** Boston University School of Medicine, USA

**Lunch Break**

**Networking and Refreshments**

**Poster Presentations**

| AA01 | Title: Oral fluid LC-MS/MS analysis as ante-mortem detection of oxytetracycline in swine  
Anna Gajda,** National Veterinary Research Institute, Poland |
| AA02 | Title: Comparative analysis of RP-HPLC, turbidimetric and UV methods used for the determination of cefepime hydrochloride in pharmaceuticals  
Danilo Fernando Rodrigues,** UNESP, Brazil |
| AA03 | 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 |
| AA04 | Title: Dipeptidyl peptidase IV (DPP IV) inhibitors from plant extracts by TLC bioautography  
Lihua GU,** Shanghai University of Traditional Chinese Medicine, China |
| AA05 | Title: Utility of capillary microsampling for rat pharmacokinetic studies: Comparison of tail-vein bleeds to jugular vein cannula sampling  
J Wang,** Sanofi Genzyme, USA |
| AA06 | Title: Differential systemic exposure to galangin after oral and intravenous administration to rats  
Junqing Zhang,** Hainan Medical University School of Pharmacy, China |
| AA07 | 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 |
| AA08 | Title: Analytical techniques for quantifying the ertapenem sodium with a look at green chemistry  
Tahisa Marcela Pedroso,** UNESP-Universidade Estadual Paulista, Brazil |
| AA09 | Title: Multi-class method for the determination of antibacterials in honey by liquid chromatography-tandem mass spectrometry  
Tomasz Bladek,** National Veterinary Research Institute, Poland |
| AA10 | Title: Piezoelectric positioning system technology for modulation of electrochemical imaging detection device  
Wei Wang,** Changchun Institute of Applied Chemistry-CAS, China |
| AA11 | Title: Method development of carbohydrate profile for Abbott nutritional products using HPAEC/PAD  
Yi Ding,** Abbott Nutrition Research and Development, Singapore |
| AA12 | Title: Analysis of Raman scattering signals for chemicals by using deep UV laser  
Young Jin Koh,** Agency for Defense Development, South Korea |
| AA13 | 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, Tribhuvan 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

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

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

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

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

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

Lunch Break

Awards & Closing Ceremony

Bookmark Your Dates

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

Website: www.analytical-bioanalytical.pharmaceuticalconferences.com
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Scientific Program

6th International Conference and Exhibition on
Analytical & Bioanalytical Techniques
September 01-03, 2015  Valencia, Spain
Day 1  September 01, 2015

Valentia A

Opening Ceremony

Keynote Forum

Introduction
Florence Geneste
University of Rennes, France
Aly Moussa
Anses Lyon Laboratory, France

Track 1: Novel Approaches to Analytical and Bioanalytical Methods
Track 2: Analytical Methodology

Session Chair: Tudor Arvinte, University of Geneva, Switzerland
Session Co-Chair: Radim Vespalec, Academy of Sciences of the Czech Republic, Czech Republic

Session Introduction
Title: Precise analysis of elements in silica powders by LA-ICP-MS
Istvan Halasz, PQ Corporation, USA
Title: Analytical tasks stemming from therapeutical prospects of electron deficient boron cluster compounds
Radim Vespalec, Academy of Sciences of the Czech Republic, Czech Republic
Title: Workshop on Importance of analytical methods to understand the complexity and diversity of protein aggregation
Tudor Arvinte, University of Geneva, Switzerland
Title: New analytical methods to measure protein aggregates in biopharmaceuticals
Tudor Arvinte, University of Geneva, Switzerland
Title: R&D of electrochemical sensors & instruments in ELMAT & SKLEAC
Li Niu, Chinese Academy of Sciences, China

Group Photo

Track 3: Bioanalytical Methodology
Track 4: Analytical Techniques in Pharmacogenomics
Track 5: NMR and Analysis of Small Organic Molecules

Session Chair: Vitor H Pomin, Federal University of Rio de Janeiro, Brazil
Session Co-Chair: Khondaker Miraz Rahman, Kings College of London and Transcriptogen Limited, UK

Title: Targeting transcription factors with DNA interactive small molecules
Khondaker Miraz Rahman, Kings college of London and Transcriptogen Limited, UK
Title: The biological activity of streptomycin and related molecules are associated with the presence of 2 functional guanidin groups
Aly Moussa, Anses Lyon Laboratory, France

Network and Refreshment Break

Title: Comparison of the performance of amines and ionic liquids as additives in RPLC for the analysis of basic compounds
Maria José Ruiz-Ángel, University of Valencia, Spain
Title: NMR quantification in the verification of compounds: Simple to complex mixtures
Joshua M Hicks, Catalent Pharma Solutions, USA

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Panel Discussion

Day 2    September 02, 2015
Valentia A

**Keynote Forum**

<table>
<thead>
<tr>
<th>Eduard Rogatsky</th>
</tr>
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<tbody>
<tr>
<td>Yeshiva University, USA</td>
</tr>
<tr>
<td>Zsuzsanna Kuklenyik</td>
</tr>
<tr>
<td>Centers for Disease Control and Prevention, USA</td>
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</tbody>
</table>

**Track 6: Advances in Chromatography and Mass Spectrometry**

**Session Chair:** Eduard Rogatsky, Yeshiva University, USA  
**Session Co-Chair:** Wayne Grant Carter, University of Nottingham, England

**Session Introduction**

**Title:** Development and implementation of metabolomics platform: Considerations for successful discovery and validation of biomarkers  
**Alla Kloss,** Sanofi, USA

**Title:** Hyper-multicolor high-content cellular assay based on quantum dot nanoprobe  
**Joon Myong Song,** Seoul National University, South Korea

**Title:** Use of “Omic” technologies for mechanistic understandings of toxicological events  
**Toshinori Yamamoto,** RaQualia Pharma Inc., Japan

**Title:** Analytical possibilities of ultra-high resolution mass spectrometry  
**Evgeny Nikolaev,** Skolkovo Institute of Science and Technology (Skoltech), Russia

**Title:** The effect of anticoagulant types in analyzing levofloxacin in human plasma by high performance liquid chromatography-photodiode array  
**Yahdiana Harahap,** Universitas Indonesia, Indonesia

**Title:** Enantiomeric separation of biologically active 2-Pyrazolines on Lux Cellulose-2 and Lux Amylose-2: A comparative study  
**Mohammed Farrag El-Beihary,** National Research Centre, Egypt

**Track 7: Analytical Techniques in Immuno Chemistry**

**Track 8: Environmental Analytical Aspects**

**Session Chair:** Makhapa Makhafola, Mintek, South Africa  
**Session Co-Chair:** Vitor H Pomin, Federal University of Rio de Janeiro, Brazil

**Title:** Gas chromatography with flame ionization detection of 1,4-dioxane in palm-based fatty alcohol ethoxylates  
**Bonnie Tay-Jones Yen Ping,** Malaysian Palm Oil Board, Malaysia

**Title:** Speciation of trace arsenic compounds in drinking water with counter-flow electrokinetic supercharging  
**Doo Soo Chung,** Seoul National University, Korea

**Title:** Application of passive sampling techniques as an usable tool in the field of environmental quality monitoring  
**Jacek Namieśnik,** Gdansk University of Technology, Poland

**Title:** Detection of cyproconazole using silver affinity electrochemical separation electrospray ionization mass spectrometry  
**Jana Jaklove,’Scientist,** Academy of Sciences of the Czech Republic, Czech Republic

**Title:** Overview of Mintek’s research and development  
Makhapa Makhafola, Mintek, South Africa

**Title:** An auto self-cleaning filter for on-line analyzers  
**Yuhui (Henry) Zhao,** Epcor Water Canada, Canada
Title: Application of novel analytical techniques and data analysis tools for comprehensive metabolomics analysis of complex biological mixtures
Vladimir Shulaev, University of North Texas, USA

Panel Discussion

Day 3  September 03, 2015
Valentia A

Poster Sessions

Track 9: Applications of Analytical and Bioanalytical Methods
Track 10: Diagnostic Assays and Test Kits
Track 11: New Instrumentation and Equipment

Session Chair: Yeun-Jun Chung, The Catholic University of Korea, Korea
Session Co-Chair: Lihan Tan, Bioprocessing Technology Institute, Singapore

Session Introduction

Title: Cosmetic ingredients: From the cosmetic to the human body and the environment
Alberto Chisvert, University of Valencia, Spain
Title: Design of hybrid monolithic materials modified with nanoparticles: Application to the separation of small solutes and bio-macromolecules
José Manuel Herrero-Martínez, University of Valencia, Spain

Network and Refreshments Break

Title: Assessment of cytotoxic and endocrine potential of selected xenobiotics commonly present in food products
Katarzyna Owczarek, Gdańsk University of Technology, Poland
Title: Assessment of toxic effect and endocrine potential of food packages extracts
Natalia Szczepańska, Gdańsk University of Technology, Poland
Title: Recent progress of deep UV LED
Cyril Pernot, NIKKISO CO., LTD, Japan
Title: Measurement of histones in mammalian cell culture harvest
Lihan Tan, Bioprocessing Technology Institute, Singapore
Title: Immunoassays in drug development – Comparing and contrasting different platforms
Kabir Hussain, MedImmune, UK
Title: Uncertainty profile; a global strategy for validation and estimation of uncertainty: Application to a high-performance thin-layer chromatographic method
Yassine Hameda Benchekroun, Sidi Mohamed Ben Abdallah University, Morocco

Lunch

Title: C18-bound partially sub-1µm porous silica monolith particles as low cost HPLC-stationary phase of excellent chromatographic performance and fast HPLC analysis
Faiz Ali, Inha University, South Korea
Title: Labs, cells and organs on a chip
Albert Van Den Berg, BIOS/Lab on a Chip group, The Netherlands
Title: Comprehensive overview of biophysical studies of lipoprotein stability
Shobini Jayaraman, Boston University School of Medicine, USA

Poster Presentations

AA01 Determination of amlodipine in human plasma by liquid chromatography–tandem mass spectrometry and its application to pharmacokinetic & bioequivalence studies
Syed N Alvi, King Faisal Specialist Hospital & Research Center, Saudi Arabia

In situ suspended aggregate micro-extraction: A new sample preparation approach for the enrichment of organic compounds in aqueous solutions
Alberto Chisvert, University of Valencia, Spain

Determinations of N-nitroso-diethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid micro-extraction followed by liquid chromatography
Alberto Chisvert, University of Valencia, Spain

Fast determination of bronopol in cosmetic products by vortex-assisted emulsification extraction combined with liquid chromatography
Alberto Chisvert, University of Valencia, Spain

Determination of N-nitroso-diethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid micro-extraction followed by liquid chromatography
Alberto Chisvert, University of Valencia, Spain

Validated determination of escitalopram by capillary zone electrophoresis in pharmaceutical preparations
Arın Gül Dal, Anadolu University, Turkey

Thermal denaturation and aggregation of bovine serum albumin
Borzova Vera Alexandrovna, Russian Academy of Sciences, Russia
AA08 Quantitative dried blood spot analyses: An aid to medicine optimization for heart disease patients
Dennis Bernieh, De Montfort University, UK

AA09 Multi-residual determination of developmental neurotoxic compounds in human milk
Eliska Cechova, Masaryk University, Czech Republic

AA10 Layered double hydroxide membranes as phosphate sensitive electrodes
Martin Emeka Enemchukwu, University of South Africa, South Africa

AA11 Hapten synthesis and immunoassay development for fluopyram analysis in food samples
Eric Ceballos-Alcantarilla, Universitat de València, Spain

AA12 Comparison of gradients of organic solvent in micellar liquid chromatography using the surfactants sodium dodecyl sulphate and Brij-35
Ester Peris-García, University of Valencia, Spain

AA13 DNA-functionalized electrochemical biosensor based on poly-(pyridine dicarboxylic acid) coated glassy carbon electrode for the study of anticancer drug gemcitabine
Gozde Aydogdu Tıg, Ankara University, Turkey

AA14 Hapten synthesis and monoclonal antibody-based immunoassays for cyprodinil residue analysis in food
Guillermo Quíñones Reyes, Universitat de València, Spain

AA15 Determination of arsenic by atomic spectroscopy by its volatile hydride generated electrochemically
Hugo Romero, Technical University of Machala, Ecuador

AA16 An NMR-based metabolomic approach to seek reliable markers for different botanical origins of mono-floral honey
Jalal Uddin, University of Padova, Italy

AA17 Development and applications of desorption atmospheric pressure photoionization-mass spectrometry
Jan Rejšek, Institute of Organic Chemistry and Biochemistry, Czech Republic

AA18 Rapid instrumental detection and quantification of counterfeit pharmaceutical tablet formulations: Is ATR-FTIR an option?
John Ogwu, De Montfort University, UK

AA19 Analysis of cork taint responsible compounds in wine cellar atmosphere, wine and cork by dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry
M Hernández-Córdoba, University of Murcia, Spain

AA20 Degradation kinetics of Aliskiren hemifumarate under stress conditions and its determination in tablets by stability indicating HPLC method
Maha Said Ahmed Abd El-Tawab, Cairo University, Egypt

AA21 Validation of a green chromatographic method for the analysis of β-blockers that uses a surfactant aqueous solution as mobile phase
María José Ruiz-Ángel, University of Valencia, Spain

AA22 Determination of alkylphenols in cleaning products using ultrasound assisted extraction and dispersive liquid-liquid microextraction with liquid chromatography-diode array-tandem mass spectrometry
M Pastor, University of Murcia, Spain

AA23 Analysis of biological material: Determination of neurotoxic pesticides and their metabolites in tissues and body fluids
Marta Seifertová, Masaryk University, Czech Republic

AA24 UPLC-MS/MS method for the determination of Vilazodone in human plasma: Application to a pharmacokinetic study
Marwa Fouad, Cairo University, Egypt

AA25 Improved MALDI mass spectrometry by EW-controlled sample preparation
Olena Kudina, University of Twente, The Netherlands

AA26 Comparison of three modes of fluorescence spectrometry to determine the enantiomeric composition of fluoxetine in tablets by multivariate calibration methods
Roman Polacek, Slovak University of Technology, Slovakia

AA27 Evolution of an analytical strategy aimed at the determination of sialic acid in group B Streptococcus polysaccharide
Sanna Coccone S, Glaxo Smith Kline, Italy

AA28 Purification of bioactive peptides from whey with HPLC
Seda Kusoğlu, Uskudar University, Turkey

AA29 Simultaneous capillary zone electrophoretic determination of hydrochlorothiazide and certain angiotensin-II receptor antagonists in pharmaceutical preparations
Sema Koyutürk, Anadolu University, Turkey

AA30 Maximization of the chromatographic information in green tea fingerprinting
Tamara Alvarez-Segura, University of Valencia, Spain
AA31 RP-HPLC method for the simultaneous determination of Carbamazepine and Nilotinib: Application to interaction studies
Zeynep Aydomuș, Istanbul University, Turkey

AA32 Development and validation of fast LC-MS/MS method for the determination of folic acid in human plasma
Aref Zayed, Jordan University of Science and Technology, Jordan

AA33 Stuffer-free multiplex ligation-dependent probe amplification technology for identifying the copy number variation markers associated with the risk of SLE
Yeun-Jun Chung, The Catholic University of Korea, Korea

AA34 Validated liquid chromatographic method for simultaneous determination of metformin, pioglitazone, sitagliptin, repaglinide, glibenclamide and glimepiride: Application for counterfeit drug analysis
Asmaa A El-Zaher, Cairo University, Egypt

AA35 Evaluation of the effect of maternal smoking on steroid hormone levels in placenta using metabolomic approach
Alicja Kołtowska, Department of Food Sciences, Faculty of Pharmacy, Medical University of Gdańsk

AA36 Total proteins change in reconstituted freeze-dried reference materials used in clinical chemistry
Bára Vinklárková, Masaryk University, Czech Republic

AA37 Analysis of monoclonal antibodies and antibody-drug-conjugates using new hydrophobic interaction chromatography (HIC) columns
Robert van Ling, Thermo Fisher Scientific, The Netherlands

AA38 Determination of Vitamin B12 in Sea Buckthorn (Hippophae rhamnoides)
Michail Nakos, Institute of Technical Chemistry - Leibniz Universität Hannover, Germany
Proposals are invited for organizing Symposia/Workshops at Conference Series LLC will sponsor small events at your universities in related areas under the title of your own.
Track 1: Novel Approaches to Analytical & Bioanalytical Methods
Title: Chemiluminescent determination of hydrogen peroxide using FeIII-TAML activator, a potent peroxidase mimicking enzyme
Marina M Vdovenko, Lomonosov Moscow State University, Russia

Title: Thin film microextraction of VOCs from biological samples using PDMS/ZSM-5 hybrid adsorbents
Seung-Woo Lee, The University of Kitakyushu, Japan

Title: Mapping single DNA molecules to the human genome in a nanofluidic device
Radalpine Marie, Technical University of Denmark, Denmark

Title: Electrochemical determination of pyrogallol at conducting poly(3,4-ethylenedioxythiophene) film-modified screen-printed carbon electrodes
Shu-Hua Cheng, National Chi Nan University, Taiwan

Title: Coelenterazine-dependent bioluminescent proteins as effective reporters for in vitro assay
L A Frank, Russian Academy of Sciences, Russia

Track 2: Analytical Methodology
Title: Liquid extraction surface analysis coupled with capillary electrophoresis to determine organophosphorous pesticides on apple
Doo Soo Chung, Seoul National University, Korea

Title: Measuring viscosity on the nanoscale using fluorescent molecular rotors
Andrew C Benniston, Newcastle University, UK

Title: Supramolecular and nanobimimetic approach to optimization of analytical reactions
Sergei Shtykov, Saratov State University, Russia

Title: Simultaneous determination of phthalate esters in a microfluidic device coupled with an electrochemical sensor
Yoon-Bo Shim, Pusan National University, South Korea

Lunch Break

Coffee Break
Gingko Tree

Keynote Forum

Graham Lawson
De Montfort University, UK

Huangxian Ju
Nanjing University, P. R. China

Track 3: Bioanalytical Methodology

Session Chair: Mitsumasa Iwamoto, Tokyo Institute of Technology, Japan
Session Co-Chair: Yuewu Xiao, Merck Millipore, USA

Session Introduction

Title: Utilizing confocal Raman spectroscopy to understand monoclonal antibody purification by a strong cation exchanger
Yuewu Xiao, Merck Millipore, USA

Title: Identification of CTP-499 metabolites in human plasma and urine
Changfu Cheng, Concert Pharmaceuticals, Inc., USA

Coffee Break

Title: A vinblastine fluorescent probe for pregnane X receptor in a time-resolved fluorescence resonance energy transfer assay
Wenwei Lin, St. Jude Children's Research Hospital, USA

Title: Multifunctional SERS active silver-hybrid nanocomposites in (bio)analytics
Inez M Weidinger, Technical University of Berlin, Berlin

Title: Visualization of carrier motion and dielectric polarization in organic thin layers by Optical second harmonic generation measurement and Maxwell-displacement current measurement
Mitsumasa Iwamoto, Tokyo Institute of Technology, Japan

Title: Evaluation of affinity capillary electrophoresis for ligand binding assays
Deia Abd El-Hady, King Abdulaziz University, Saudi Arabia

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Title: Evaluation of affinity capillary electrophoresis for ligand binding assays
Deia Abd El-Hady, King Abdulaziz University, Saudi Arabia

Coffee Break

Track 4: Analytical Techniques in Pharmacogenomics

Track 5: NMR & Analysis of Small Organic Molecules

Track 6: Advances in Chromatography and Mass Spectrometry

Session Chair: Karol Jackowski, University of Warsaw, Poland
Session Co-Chair: Sangeeta Tanna, De Montfort University, UK

Session Introduction

Title: NMR analysis of chemical compounds in the gas phase
Karol Jackowski, University of Warsaw, Poland

Title: Adherence to medication assessed using dried blood spot analysis
Sangeeta Tanna, De Montfort University, UK

Title: Spectrofluorimetry: A critical review on factors that influence fluorescent intensity in the analysis of diverse chemical substances
Ahmad Usu, Usmanu Danfodiyo University, Nigeria

Title: Determination of phosphatidylserine in milk based nutritional products using online derivatization HPLC
Qi Lin, Abbott Nutrition R&D, Singapore

Coffee Break

Title: Analysis of small molecules in vivo by MALDI-TOF MS
Zangxue Nie, Chinese Academy of Sciences, China

Title: Extraction and analysis of fatty acids from cyanobacteria using GC x GC-TOFMS
Titus A M Msagati, University of Johannesburg, South Africa

Poster Presentations @ Maple Tree

Day 3                     August 20, 2014

Track 7: Analytical Techniques in Immunochemistry

Track 9: Applications of Analytical and Bioanalytical Methods

Track 10: Diagnostic Assays and Test Kits

Track 11: New Instrumentation and Equipment

Track 12: Regulatory Issues and Biosafety Challenges in Bioanalysis

Session Chair: Ming Li, Biogen Idec, USA
Session Co-Chair: Zhenxin Wang, Chinese Academy of Sciences, China

Session Introduction

Title: Novel phenothiazine enhancers in chemiluminescent enzyme immunoassay
Ivan Yu Sakharov, Lomonosov Moscow State University, Russia

Title: Automated small molecule bioanalytical sample preparation method development
Ming Li, Biogen Idec, USA
Title: Biosensor for detection of organophosphate pesticide residues by screen printed carbon electrode (SPCE)-chitosan base  
Ani Mulyasuryani, University of Brawijaya, Indonesia

Title: Development of bioanalytical methods for environmental monitoring of toxic chemicals  
Yalavarthy Prameela Devi, Kakatiya University, India

Title: Simple and fast analyses using GC-FID for detection of a potential genotoxins (isopropyl para-toluenesulfonate) in palm oil based esters a common ingredient used in cosmetic and personal care products  
Bonnie Yen Ping Tay, Malaysian Palm Oil Board, Malaysia

Title: Air quality challenges in Wesselton township, South Africa  
Shadung Moja, University of South Africa, South Africa

Title: Food analysis to check quality, safety and authenticity by full-automated 'H-NMR  
Lu Shan, Bruker BioSpin GmbH, China

Title: Bioanalytical applications of gold nanoparticle probes  
Zhenxin Wang, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, China

Title: A crystalline self-assembly from nanords: Superparticles  
Tie Wang, Chinese Academy of Sciences, China

Title: The fate and transformation of pharmaceuticals in wetland mesocosms planted with Scirpus validus  
Dongqing Zhang, Nanyang Technological University, Singapore

Title: Selection of phage displayed peptides for the detection of insecticide imidacloprid in soil and water  
Ting Xu, China Agricultural University, China

Award Presentations

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Opening Ceremony

Keynote Forum

Introduction
Joseph J. Pesek
San Jose State University, USA

John Szpylka
Silliker Inc., USA

Klaus Albert
University of Tuebingen, Germany

Eduard Rogatsky
Albert Einstein College of Medicine of Yeshiva University, USA

Coffee Break

Track 1: Novel Approaches to Analytical & Bioanalytical Methods
Track 2: Analytical Methodology
Track 4: Analytical Techniques in Pharmacology

Session Chair: Andrew C. Benniston, Newcastle University, UK
Session Co-Chair: Yuhui Henry Zhao, Epcor Water Service Inc., Canada

Jose S. Torrecilla, Complutense University of Madrid, Spain

Session Introduction

Title: Hydrogen exchange method to identify the protein targets of drugs
Masaru Miyagi, Case Western Reserve University, USA

Title: Development of an on-line GC using existing retired equipment
Yuhui Henry Zhao, Epcor Water Service Inc, Canada

Title: Development of liquid phase microextraction in-line coupled with capillary electrophoresis
Doo Soo Chung, Seoul National University, Korea

Title: Online glutamate measurement during brain altered function with sub seconds time resolution. A new alternative to measure biological compounds with laser induced fluorescence detection and the use of enzymatic reactors
Alberto Morales-Villagran, University of Guadalajara, Mexico

Andrew C. Benniston, Newcastle University, UK

Title: Fluorescence-based imaging using Boron dipyrromethene (Bodipy) dyads

Lunch Break

Title: Luminescent lanthanide chemosensors for the detection of zinc ions
Kellie L. Tuck, Monash University, Australia

Title: Use of streptomycin for the concentration and detection of the pathogenic prion protein in biological samples
Aly Moussa, Laboratory of Lyon, France

Title: Zinc, lead, copper, and cadmium determination in canned and fresh fish samples by anodic stripping voltammetry and inductively coupled argon plasma
Neylan Dirilgen, Bogazici University, Turkey

Title: New techniques and approaches to address the drugability of RNA
Jonathan Hall, ETH Zurich, Switzerland

Title: Unknown polymer additive identification by multimode LC-MS/MS and multi-detectors
Wenjie Cao, SABIC Technology Center, Saudi Arabia

Coffee Break

Title: Unknown GPC peak identification by multimode GPC-MS/MS/DAD
Nasser Al-Harbi, SABIC Technology Center, Saudi Arabia

Title: Direct determination of N-Nitrosodithanolamine (NDELA) in Ethanolamines by LC-MS-MS
George Kuriakose, SABIC Technology Center, Saudi Arabia

Title: Kinetic and pharmacokinetic analysis of treosulfan and its biologically active mono- and diepoxytransformers
Franciszek Glowka, Poznan University of Medical Sciences, Poland

Title: A simple electronic tongue for online monitoring of model fermentation
Matthias Gerrit, Austrian Centre of Industrial Biotechnology (ACIB), Austria

Title: Computational modelling of the hydride generation reaction in a tubular reactor and hydride fragmentation in a dielectric barrier discharge atomizer
Wameath Sh. Abdul-Majeed, The University of Sheffield, UK

Cocktails Sponsored by Journal of Chromatography & Seperation Techniques @ Foyer

Day 2 October 16, 2013

Salon B

Track 3-1: Chromatographic methods
Track 3-2: Electrophoresis/ligand binding assay
Track 3-3: Extraction/precipitation/purification techniques
Track 3-4: Analytical proteomics and metabolomics
Track 3-5: Microscopy, hybrid methods, and thermal analysis

Session Chair: Joseph J. Pesek, San Jose State University, USA
Session Co-Chair: Susanne P Boyle, University College London-Qatar, Qatar

Session Introduction

Title: Hydride-based HPLC stationary phases: A rapidly evolving technology for the development of new bio-analytical methods
Joseph J. Pesek, San Jose State University, USA

Title: Evaluation of direct and indirect methods for the quantitation of plasma malondialdehyde
Susanne P Boyle, University College London-Qatar, Qatar

Title: Rapid identification of counterfeit pills by ATR FT/IR analysis of crushed samples
Graham Lawson, De Montfort University, UK
Title: Comprehensive analysis of vitamin D analogues: Rapid LC-MS/MS method for quantification of eight metabolites and two epimers
Iltaf Shah, Kingston University, UK

Title: Evaluation of affinity capillary electrophoresis for ligand binding assays
Deia Abd El-Hady, King Abdulaziz University, Saudi Arabia

Title: Selective bio-analytical methods for specific identification and detection of toxic Microcystis species and Microcystins in water
Titus A. M. Magagula, University of Johannesburg, South Africa

Title: Toxicity evaluation of some dental materials: Three-dimensional confocal laser scanning microscopy. Time-lapse imaging of cell behavior
Nina Attik, University of Lyon, France

Title: Investigation and analysis of photodamage effects on bio-compatible semiconductor nanocrystals systems using spectroscopic techniques
Tareq Youssef, Cairo University, Egypt

Title: The preparation and separation performance of Imino-[-Cycloexextrin derivials chiral stationary phase
Zhi-Ming Zhou, Bejing Institute of Technology, China

Title: Evaluation of solid-phase extraction approaches for LC-MS metabolomics
Dajana Vuckovic, Concordia University, Canada

Title: Analysis of pesticides in water samples and removal of monocrotophos by γ-irradiation
Muhammad Ismail, University of Peshawar, Pakistan

Title: Raman spectroscopy of living biofilms in flowcells
Truis Smith-Palmer, St Francis Xavier University, Canada

Title: Bioanalytical characterization of HIV gp120 vaccine antigens and its relation to vaccine-induced antibody response
Antu K. Dey, Novartis Vaccines & Diagnostics, USA

Title: Surface-enhanced Raman spectroscopy for medical diagnostics and bio-imaging
Paresh Chandra Ray, Jackson State University, USA

Title: GC-MS investigation of cell-culture based small molecular cancer biomarkers (SMCBs)
Seung-Woo Lee, The University of Kitakyushu, Japan

Title: Ultrafast spectroscopy and the analysis of art pigment degradation and solar energy harvesting complex photoproducts
M. Cather Simpson, University of Auckland, New Zealand

Title: Some applications of cavity ringdown spectroscopy in gas and condensed phases
King-Chuen Lin, National Taiwan University, Taiwan

Title: Pushing time-resolved extreme UV and soft X-ray spectroscopy towards bigger molecules and condensed phase
Jakob Grill, Ecole Polytechnique Federale de Lausanne EPFL, Switzerland

Title: Analytical applications of small liquid droplets: From droplet-beam laser-ablation mass spectrometry to single-particle catalyst
Jun-ya Kohno, Gakushuin University, Japan

Title: Probing packing interactions in pharmaceuticals and other small (bio) molecules using solid-state NMR spectroscopy combined with DFT calculations and X-ray diffraction
Luis Mafra, University of Aveiro, Portugal

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Luis Mafra, University of Aveiro, Portugal

Poster Presentations @ Carol & Patio
Cocktails Sponsored by Journal of Analytical & Bioanalytical Techniques @ Foyer
Title: Ultrasensitive, multiplexed detection of infectious disease markers using a surface-enhanced Raman scattering immunoassay platform
Marc D. Porter, University of Utah, USA
Title: Analysis of coplanar polychlorinated biphenyls (PCBs) using immunoaffinity chromatography cleanup with immunoassay detection
Jeanette M. Van Emon, U.S. Environmental Protection Agency, USA
Title: Cytochrome P450-mediated biotransformation of the antitrypanosomal methamidoxime prodrug DB844 forms novel metabolites through intramolecular rearrangement
Michael Zhuo Wang, The University of Kansas, USA

Lunch Break

Title: The agarose assay: Its utility in cell migration and invasion
Maitham A. Khajah, Kuwait University, Kuwait
Title: Highly sensitive and selective detection of atrazine using microfluidic-based immunosensing platform
Feng Long, University of China, China
Title: Neural networks and FET sensors combined: A tool to accurately classify and quantify molecules
Jose S. Torrecilla, Complutense University of Madrid, Spain
Title: Optical and electrical Si-based biosensors: Fabrication and transduction issues
Sebania Libertino, Istituto per la Microelettronica e Microsistemi (IMM) of CNR, Italy
Title: Nano/micro Porous based immunoassay microarray platform for improving detection sensitivity
SongWook Lee, Bioengineering Laboratory, Riken Institute, Japan
Title: Will next generation sequencing improve treatment outcomes: Low frequency kras mutations in colorectal cancer patients and the presence of multiple mutations in oncogenic drivers in non-small cell lung cancer patients
Yihong Yao, MedImmune, USA

Coffee Break

Track 5: Regulatory Issues and Biosafety Challenges in Bioanalysis
Track 6: Advances in Chromatography and Mass Spectrometry
Session Chair: ZuLiang Chen, University of South Australia, Australia
Session Co-Chair: Greg Heffron, Harvard Medical School, USA

Session Introduction

Title: The AOAC method validation pathway: Setting standards for methods and demonstrating compliance to defined method requirements
John Szpylka, Silliker, Inc., USA
Title: Elucidation of small molecule markers in cancer cells by NMR and mass spectrometry
Greg Heffron, Harvard Medical School, USA
Title: HPLC-NMR: Present status and future
Klaus Albert, University of Tuebingen, Germany
Title: High-throughput liquid chromatography-mass spectrometry based targeted metabolomics for separation and quantitation of ~250 cellular metabolites
Fatemeh Mirnaghi, University of Toronto, Canada

Coffee Break

Title: Mass spectrometry approach for novel Fabry disease biomarker detection
Christiane Auray-Blais, CRC-CHUS/Universite de Sherbrooke, Canada
Title: Ion chromatography-ICP-MS and ESI-MS used for the chemical speciation analysis
ZuLiang Chen, University of South Australia, Australia
Title: On-line multidimensional SPE-LC-(UV)-MS/MS as an alternative approach for analyzing small molecules in biological fluids
Sena Caglar, Istanbul University, Turkey
Title: Femtosecond time-resolved mass spectrometry for the desorption process of tetracene ions from tetracene-doped anthracene crystals
Tatsuya Fujino, Tokyo Metropolitan University, Japan
Title: Recent advances and application of SFC-MS in small molecules drug discovery
Gerard Rosse, Dart Neuroscience LLC, USA
Title: Recovery of antioxidants from Myrmecodiapendans and identification of its major constituent compounds
Adam Mekonnen Engida, National Taiwan University, Taiwan

Lunch Break

Title: Trick or treat, is the super food boost (Beetroot juice, spinach powder) best for nitrates supplementation? Which measure should we trust?
Iltaf Shah, Kingston University, UK
Title: Bio-analytical determination of clopidogrel and pantoprozole by RP-HPLC method in rat plasma: Application to drug interaction study
B. M. Gurupadayya, JSS College of Pharmacy, India

Award Ceremony