



Scientific Program



2nd world Congress on Analytical and Bioanalytical Techniques

16-17 December 2011 San Francisco Airport Marriott, USA

Conference Secretariat

5716 Corsa Ave., Suite 110, Westlake, Los Angeles, CA 91362-7354, USA

Tel: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: 1-800-216-6499(USA & Canada)

E-mail: analyticaacta2011@omicsonline.org

18:00-19:00

Registrations

15 December 2011

16 December 2011

08:00-09:00

Registrations

08:30-09:00

Breakfast



Breakout Room 1
09:00-09:30

Opening Ceremony

Keynote Forum

09:30-09:35

Introduction

09:35-10:00

Dr. Michael Zhou

BASi (Bioanalytical Systems, Inc.), USA

10:00-10:25

Dr. Kenji Yokoyama

National Institute of Advanced Industrial Science and Technology (AIST), Japan

Coffee Break 10:25-10:40

10:40-11:05

Dr. S. V. Eswaran

St. Stephen's College, India

11:05-11:30

Dr. Badri Prakash Nagori

Lachoo Memorial College of Science & Technology, India

Track 5-1: LC/MS/MS analysis for discovery, preclinical and clinical programs

Track 5-2: Robustness of the analytical method

Track 5-3: Validation of Analytical Procedures

Track 5-4: Multimodel techniques

Session Introduction

11:30-11:50

Title: Basic idea for numerical analysis of heat and fluid flow problems, using a spectral finite difference scheme

Dr. Yoshihiro Mochimaru, Tokyo Institute of Technology, JAPAN

11:50-12:10

Title: Atmospheric pressure photoionization (APPI) – A powerful and versatile ionizer for LC-MS analysis of small molecules

Dr. Sheng-Suan (Victor) Cai, Syagen Technology, USA

12:10-12:30

Title: Contemporary fraction of bis (2-ethylhexyl) phthalate in stilton cheese and butter by accelerator mass spectrometry

Dr. John M. Ondov, Food and Drug Administration, USA

Lunch Break 12:30-13:10

- 13:10-13:30** **Title: LC-MS/MS applications for macromolecule therapeutics and biomarkers analysis**
Dr. Michael Zhou, BASi (Bioanalytical Systems, Inc.), USA
- 13:30-13:50** **Title: An integrated bioanalytical method development and validation approach: Case studies**
Dr. Yongjun Xue, Celgene Corporation, USA
- 13:50-14:10** **Title: Quantification of Azithromycin in human plasma by liquid chromatography-mass spectrometry using propranolol as internal standard**
Dr. Yahdiana Harahap, University of Indonesia, Indonesia
- 14:10-14:30** **Title: Therapeutic potential of quercetin-3-o-rhamnoside in inhibiting the DMBA-induced mammary carcinogenesis: Analysis through enzymatic, non-enzymatic antioxidant and Hepatic marker enzymes**
Dr. S P Pattanayak, Birla Institute of Technology (BIT), India
- 14:30-14:50** **Title: Expected Quality Factor of a Simple Tuned Oscillator**
Dr. Kia Hock Tan, Universiti Tunku Abdul Rahman, Malaysia

Track 1-1: Quantitative Analysis of Drugs in Physiological Fluids

Track 3-3: Anticancer

Track 6-3: New Approaches to Analytical Mass Spectrometry

Session Introduction

- 14:50-15:10** **Title: New generation Ecotox - Biosystem of water monitoring through analysis of real-time image**
Dr. Gilmar S. Erzinger, University of Joinville Region, Brazil
- 15:10-15:30** **Title: A fast separation and quantification method for nitroguanidine and 2, 4-dinitroanisole and other explosives in soil, water, and plant tissues by liquid chromatography/tandem mass spectrometry**
Dr. Yinfa Ma, Missouri University of Science and Technology, USA

Coffee Break 15:30-15:45

- 15:45-16:05** **UHPLC-APPI-MS Method for High-Sensitivity and High-Throughput Analysis of US EPA Sixteen Priority Pollutants Polynuclear Aromatic Hydrocarbons in Oyster**
Dr. Sheng-Suan (Victor) Cai, Syagen Technology, USA
- 16:05-16:25** **Title: Towards biomarker-dependent tailored chemotherapy: Quantitative analysis of drug-DNA adducts using accelerator mass spectrometry**
Dr. Sang Soo Hah, Kyung Hee University, South Korea
- 16:25-16:45** **Title: Anti-cancer efficacy of novel phenolic polymer from *Symphytum asperum* and *S. caucasicum* (Boraginaceae) against androgen-dependent and -independent prostate human cancer cells**
Dr. V. Barbakadze, Tbilisi State Medical University, Georgia
- 16:45-17:05** **Title: Structural determination of chlorophyll f found in a cyanobacterium strain KC1 newly isolated from Lake Biwa by HPLC, absorption, circular dichroism, mass and NMR spectroscopy**
Dr. Masami Kobayashi, University of Tsukuba, Japan

17:05-17:25 **Title: Development and validation of bioanalytical method for the quantitative estimation of duloxetine in human plasma using lcms/ms**

Dr. S P Pattanayak, Birla Institute of Technology (BIT), India

17:25-17:45 **Title: High efficiency of drug screening for inhibiting alpha-glucosidase**

Dr. Hueih-Min Chen, National Nano Device Laboratories, Taiwan

Track 7-1: Risk Assessment and Toxicological Aspects

Track 7-3: Biopesticides Analysis

Track 8-1: Directions in Global Pharmaceutical Research and Development

Track 8-3: Asian Countries Food Drug Administration Guidelines

Session Introduction

17:45-18:05 **Title: VOC emissions and ozone formation from spraying solvent-based pesticides**

Dr. Anuj Kumar, Carlsbad Environmental Monitoring & Research Center, USA

18:05-18:25 **Title: Regulatory requirements for registration of Nutritional supplements and Herbal products in India: A case study**

Dr. Badri Prakash Nagori, Lachoo Memorial College of Science & Technology, India

18:25-18:45 **Title: New drugs & international regulatory mechanisms**

Dr S. V. Eswaran, St. Stephen's College, India

18:45-19:05 **Title: Redox Reaction Initiated Homolytic and Heterolytic Coupling of Activated and Unactivated Olefinic Substrates Electrochemical Analysis and Synthesis**

Dr. Daesung Chong, Ball State University, USA

19:05-19:25 **Title: HPLC-MS/MS and UHPLC-MS/MS analysis of Carnitine and Acylcarnitines in clinical samples**

Dr. Charles L. Hoppel, Case Western Reserve School of Medicine, USA

Dinner
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19:25-20:00

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3rd World Congress on Analytical and Bioanalytical Techniques

22-24 November 2012 HICC Hyderabad, India

