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Scientific Program

19th World Congress on

ANALYTICAL AND BIOANALYTICAL TECHNIQUES

September 19-20, 2018 Singapore



Hosting Organization: Conference Series LLC LTD

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Day 01 Sep 19, 2018

09:00-09:30 Registrations

Polaris I

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09:30-09:45 Opening Ceremony

Keynote Forum

09:45-10:00 Introduction

10:00-10:45 Title: Ionic liquids as stationary phase in GC – An innovation for improving food, environmental and petrochemical analysis

Frank Michel, Merck Group, Germany

10:45-11:30 Title: Aspects of recent developments of smart multiway calibration methods coupled with LC-MS and LC-DAD in analytical chemistry

Hai-Long WU, Hunan University, China

Group Photo

Networking & Refreshments Break: 11:30-11:50 @ Foyer

Session:
Advance Analytical Technique | Advance Bio-analytical Techniques | Application of Analytical and Bioanalytical Techniques

Session Introduction

Session Chair: Frank Michel, Merck Group, Germany

Session Chair: Hai-Long WU, Hunan University, China

11:50-12:20 Title: A stable acetylcholinesterase biosensor based on Au nanorod @ SiO_2 core-shell nanoparticle doped chitosan-TiO_2 hydrogel for detecting organophosphate pesticides

Hui-Fang Cui, Zhengzhou University, China

12:20-12:50 Title: Elucidation of unknown pharmaceutical degradation products: Structures and pathways

Kung-Tien Liu, Everlight Chemical Industrial Co., Taiwan

Lunch Break: 12:50-13:50 @ Food Exchange, Level 2

13:50-14:20 Title: Electroanalytical methods of energy Storage and Conversion

M V Reddy, National University of Singapore, Singapore

Session:
Advancements in LC and MS | Analytical Technique for Separation | Innovation in Food Analysis & Testing

Session Introduction

Session Chair: Frank Michel, Merck Group, Germany

Session Chair: Hai-Long WU, Hunan University, China

14:20-14:50 Title: Metabolic analysis and transcriptomic response of Escherichia coli O157:H7 treated with electrolyzed water and mild heat

Yang Hongshun, National University of Singapore, Singapore

14:50-15:20 Title: HS-GCMS-SIM mode method template for identification of varieties of anionic, cationic and neutral surfactants as SIM-fingerprint-ID

Chong Mun Hwa, Synthomer Plc, Malaysia

15:20-15:50 Title: Analysis of organochlorine residues in river Benue at Makurdi using gas chromatography coupled with electron capture detector

Ogah Ekirlgwe, Federal University, Nigeria

15:50- 16:20 Title: Determination of organochlorine pesticides in river benue at agatu using gas-chromatograph equipped with electron capture detector

Longbap Byencit Dinfa, Federal University, Nigeria

Video Presentaion

16:20-16:40

Title: A comprehensive study of a new versatile device based liquid phase microextraction for stopped-flow and double-flow conditions in a single step

María Ramos Payán, University of Seville, Spain

Poster Presentation

16:40-17:00

Title: MFDS's national laboratory system of food and nutrient: focus on quality control

Soo-Jung Hu, National Institute of Food and Drug Safety Evaluation, Korea

Awards and Closing Ceremony

Panel Discussion

Day 2 September 20, 2018

Polaris I

Keynote Forum

09:30-10:15

Title: Advances in ICP-MS: Clinical applications and human biomonitoring

Ciprian Mihai Cirtiu, National Institute of Public Health of Quebec (INSPQ), Canada

10:15-11:15

Title: Recent advances in sample preparation methods

Yingying Wen, Hainan Medical University, China

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

11:30-12:15

Title: Quantitative assay of metal impurities and pharmaceutical quality evaluation of multisource Levofloxacin tablets registered in Nigeria

Aderonke Adepoju-Bello, University of Lagos, Nigeria

12:15-13:00

Title: Validation of a tandem mass spectrometric method for direct analysis of free amino acids in rice

G V V Liyanaarachchi, University of Colombo, Sri Lanka

Lunch Break: 13:00-14:00 @ Food Exchange, Level 2

Panel Discussion

B2B Meetings

