Agenda Day 1: March 12, 2018

08:30-09:30	**Registration**
09:30-09:50	Opening Ceremony

Keynote Forum

09:50-10:00	**Introduction**
10:00-10:30	**Title: Metabolomics of rheumatoid arthritis using mass spectrometry techniques** Gary W Caldwell, Janssen Research & Development, USA
10:30-11:00	**Title: Self-similarity across vast spans of size and time: T-patterns and mass-societies in proteins and humans** Magnus S Magnusson, University of Iceland, Iceland

Coffee Break 11:00-11:15 @ Breakout Area

New Advances and Development in Mass Spectrometry | Mass Spectrometry Applications | Mass Spectrometry in Pharmaceutical Industry | Spectroscopy | Mass Spectrometry Applications in Clinical Diagnostics | Capillary Electrophoresis | Tandem Mass Spectrometry | Environmental Analysis

Session Chair: Sherry A Tanumihardjo, University of Wisconsin, USA
Session Co-Chair: Lingzhi Gong, Guangzhou University of Chinese Medicine, China

Session Introduction

11:15-11:40	**Title: Stable isotope techniques to assess vitamin A status of vulnerable children in Africa** Sherry A Tanumihardjo, University of Wisconsin, USA
11:40-12:05	**Title: Protein lysine malonylation, crotonylation, succinylation and 2-hydroxyisobutyrylation in developing rice seed and their roles in seed metabolic regulation and nutrient reservoir development** Zhaohua Peng, Mississippi State University, USA
12:05-12:30	**Title: Tracer Metabolomics** Gary W Caldwell, Janssen Research & Development, USA
12:30-12:55	**Title: Matrix effect in LC-MS: Some new aspects in method development and analysis** Jean Francois Bienvenu, Toxicology Center of Quebec, Canada

Group Photo

Lunch Break 12:55-13:55 @ RBG

13:55-14:20	**Title: Selective LC-MS/MS method for simultaneous plasma determination of imatinib, dasatinib, nilotinib, bosutinib, ponatinib and ibrutinib based on effective phospholipidsremoving clean-up method: Application to therapeutic drug monitoring** Aneta Wojnicz, Hospital de La Princesa, Spain
14:20-14:45	**Title: Investigation on ultrahigh-pressure induced chemical reactions by high resolution mass spectrometry** Yajie Wang, Center for High Pressure Science and Technology Advanced Research, China

14:45-15:10

Title: Phisicochemical study on freeze-dried saccharide including nanoparticles using powder X-ray diffractometry and differential scanning calorimetry

Seitaro Kamiya, Nagasaki International University, Japan

15:10-15:35

Title: Determination of methamphetamine in saliva using gas chromatography tandem mass spectrometry

Yahdiana Harahap, University of Indonesia, Indonesia

Coffee Break 15:35-15:50 @ Breakout Area

15:50-16:15

Title: Analysis of oligonucleotides by ion-pair hydrophilic interaction liquid chromatography/electrospray ionization mass spectrometry (IP-HILIC/ESIMS)

Lingzhi Gong, Guangzhou University of Chinese Medicine, China

16:15-16:40

Title: Mass spectrometry: Clinical artificial intelligence application using hypothetically generated data

Mahmoud Rafea, Central Lab of Agriculture Expert Systems, Egypt

16:40-17:05

Title: Characterization of inconsistent unspecified impurity associated with specified impurity and adjacent to other detectable impurities who have not listed in pharmacopoeias across in ciprofloxacin hydrochloride

Rahul Hajare, Indian Council of Medical Research, India

17:05-17:30

Title: Oxidative stress induced cysteinylated plasma albumin in the patients with nonalcoholic fatty liver disease

Abhishak C Gupta, Indian Institute of Technology Delhi, India

Panel Discussion

Agenda Day 2: March 13, 2018

Keynote Forum

Introduction

10:00-10:30

Title: ^{13}C-retinol analyzed by gas chromatography-combustion-isotope ratio mass spectrometry for evaluating efficacy and effectiveness of vitamin A interventions

Sherry A Tanumihardjo, University of Wisconsin, USA

10:30-11:00

Title: Some examples of mass spectrometry applications

Aneta Wojnicz, Hospital de La Princesa, Spain

Coffee Break 11:00-11:15 @ Breakout Area

Sessions: Protein Mass Spectrometry | Ionization techniques Mass Spectrometry | Forensic Analysis | Mass Spectrometry in Medicine | Imaging Mass Spectrometry | Analytical Chemistry

Session Chair: Magnus S Magnusson, University of Iceland, Iceland
Session Co-Chair: Lingzhi Gong, Guangzhou University of Chinese Medicine, China

Session Introduction

11:15-11:40

Title: Application of gas chromatography and mass spectrometry on sediment samples: Determination of srganochlorine pesticides

Semra Tuncel G, Middle East Technical University, Turkey

11:40-12:05

Title: How to solve a problem like antibiotic resistance

Rahul Hajare, National AIDS Research Institute, India

12:05-12:30

Title: Role of mass spectrometry in pharmaceuticals

Rashid Mahmood, Surge Laboratories, Pakistan

12:30-12:55

Title: Quantifying therapeutic peptides in human plasma by mass spectrometry: Our experience applied to pharmacokinetic studies in clinical trial

Ania Cabrales Rico, Center for Genetic Engieneering and Biotechnology, Cuba

12:55-13:20

Title: Quality risk management system

Rashid Mahmood, Surge Laboratories, Pakistan

Lunch Break 13:20-14:20 @ RBG

Poster Presentaions 14:20-15:05

MSP001

Title: Analytical methods used to identify unknown substances from a fire scene

Romana Friedrichová, Fire Technical Institute, Czech Republic

MSP002

Title: Determinination of the reference intervals of biochemical markers of peroxisome disorders in children

Ilgar Mamedov, LLC ChromsystemsLab, Russia

MSP003

Title: Analytical methods used to identify unknown substances from a fire scene

Petra Bursíková, Fire Technical Institute, Czech Republic

MSP004

Title: Urinary steroid profiles by gas chromatography mass spectrometry in patients with various adrenal diseases

Ekaterina Malevanaia, North-Western State Medical University, Russia

MSP005

Title: Investigation of possible pharmacokinetic interaction between ivabradine and carvedilol in rats using high performance liquid chromatography/mass spectroscopy

Saif S Abbas, Al-Ahliyya Amman University, Jordan

MSP006

Title: Water quality effect on pesticides residue by mass spectrometry

Eman Farouk Ahmed Mohamed, Alexandria University, Egypt

Coffee Break 15:05-15:20 @ Breakout Area

Panel Discussion

Award Ceremony

8th Edition of International Conference on

MASS SPECTROMETRY

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London, UK

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