conferenceseries.com

Scientific Program

10th Annual Chemistry and Mass Spectrometry Congress

October 18-19, 2017 Osaka, Japan



Hosting Organization: Conference Series

One Commerce Center-1201, Orange St. #600, Wilmington, Zip-19899, Delaware, USA

Ph: +1-702-508-5200, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: asiachemistry@chemistryconference.org, massspectra@chemistryconference.org

Day 1 October 18, 2017

08:30-09:30 Registrations

Hall

conferenceseries.com **09:30-09:55 Opening Ceremony**

Keynote Forum

09:55-10:00	**Introduction**
10:00-10:40	**Title: Excitonic structure and dynamics in various photosynthetic antenna protein complexes: Hole-burning and modeling studies** **Ryszard J Jankowiak,** Kansas State University, USA
10:40-11:20	**Title: Chemistry of elemental fluorine** **Shlomo Rozen,** Tel Aviv University, Israel

Group photo

Refreshments and Networking Break 11:20-11:40

Sessions:
Physical Chemistry | Geochemistry | Environmental Chemistry | Synthetic Chemistry | Natural Product Chemistry

Session Introduction

Session Chair: TBA

11:40-12:10	**Title: Synthesis of functional molecules via alkyne annulation** **Ruimao Hua,** Tsinghua University, China
12:10-12:40	**Title: A comprehensive insight into sampling and sample preparation steps for trace element determinations in plant material** **Sabina Dolegowska,** Jan Kochanowski University, Poland

Lunch Break 12:40-13:40

13:40-14:10	**Title: Biological active 1, 2, 4-triazole derivatives.: Synthesis and biological studies** **Zaraniah Binti Abdullah,** University of Malaya, Malaysia
14:10-14:40	**Title: Identification and origin of geochemical anomalies of trace elements in soils** **Agnieszka Galuszka,** Jan Kochanowski University, Poland
14:40-15:10	**Title: The use of stable isotopes and rare earth elements for solving environmental issues in acid mine drainage areas (south-central Poland)** **Zdzislaw M Migaszewski,** Jan Kochanowski University, Poland

Refreshments and Networking Break 15:10-15:30

15:30-16:00	**Title: Kinetics and mechanism of oxidation of some amino acids by peroxodisulfate** **Abdelmahmod Saad,** Red Sea University, Sudan
16:00-16:30	**Title: The kinetics and mechanism of alcohol oxidation in alkaline 12-tungstocobaltate (III)** **Latona Dayo Felix,** Osun State University, Nigeria

SPEAKER SLOTS AVAILABLE

Panel Discussion

Day 2 October 19, 2017

Hall

Session Introduction

Sessions: LC-MS | Analytical Chemistry | Imaging Mass Spectrometry

Session Chair: TBA

10:00-10:30	**Title: E-BABE- Some applications of laser-based ionization mass spectrometer in molecular photodissociation** **King-Chuen Lin,** National Taiwan University, Taiwan
10:30-11:00	**Title: The application of mass spectrometry technology in clinical medicine and traditional Chinese medicine** **Lin Zhang,** Dalian Medical University, China

Refreshments and Networking Break 11:00-11:20

11:20-11:50	**Title: Chemical constituents from the rhizomes of Curcuma zedoaria and assessment of their biological activities** **Omer Abdalla Ahmed Hamdi,** Al-Neelain University, Sudan
11:50-12:20	**Title: Hydrophilic interaction liquid chromatographic determination of anti-diabetic drug, Glimepiride, in pharmaceutical formulations** **Yuegang Zuo,** University of Massachusetts Dartmouth, USA

Poster Presentations 11:30-13:00

Poster Judge: TBA

Poster Judge: TBA

Poster Presentations 15:50-16:50

ACM001	**Title: Gold nanoparticles-based fluorescent "turn-on" sensor for the selective and sensitive detection of dimethoate** **Tai-Chia Chiu,** National Taitung University, Taiwan
ACM002	**Title: Cyclodextrin-assisted dispersive liquid-liquid microextraction combined with sweeping capillary electrophoresis for the determination of Carbamazepine and Clobazam** **Sarah Y Chang,** National Kaohsiung Normal University, Taiwan
ACM003	**Title: Dispersive liquid-liquid microextraction combined with Acetonitrile stacking through capillary electrophoresis for the determination of three selective serotonin reuptake inhibitor drugs in body fluids** **Ming-Mu Hsieh,** National Kaohsiung Normal University, Taiwan
ACM004	**Title: Efficacy and safety of oriental herbal medicine for generalized anxiety disorder: A systematic review** **Chia-Wei Chang,** Industrial Technology Research Institute, Taiwan
ACM005	**Title: Gas permeation through micropores membrances for direct analysis of metal by spICP-MS** **Chun-Ling Chang,** Industrial Technology Research Institute, Taiwan
ACM006	**Title: STAT3 inhibitory activity of structurally simplified Withaferin A analogues** **Tahara Teruyuki,** Maruho Co Ltd., Japan
ACM007	**Title: Discovery of HEC1/NEK2 inhibitor TAI-95 Tosylate as first-in-class clinical candidate: optimization of potency, oral pharmacokinetics, and salt** **Wen Yun Hsueh,** National Chiayi University, Taiwan
ACM008	**Title: Photo-Physical Properties and Binding Mode of a Pyrene-Porphyrin Hybrid to native DNA and various polynucleotides** **Myeong Eun Heo,** Yeungnam University, Republic of Korea
ACM009	**Title: Sensitized NIR Luminescence of Lanthanide(□) (Ln = Pr, Nd, Ho, Er, Tm) Complexes with mixed Schiff base and Ligand** **Minkyu Park,** Yeungnam University, Republic of Korea
ACM010	**Title: Importance of the location and number of positive charge of periphery cationic ions of porphyrin bound to DNA** **Min Ik Kwak,** Yeungnam University, Republic of Korea

ACM011

Title: Effect of bridge structure on the binding mode of the binuclear Ruthenium(II) polypyridyl dimer complex to calf-thymus DNA

Bo Ram Jeon, Yeungnam University, Republic of Korea

ACM012

Title: Binding Mode of Various DNA Binding Molecules and natural DNA under Cell mimic Condition

Ye Sol Oh, Yeungnam University, Republic of Korea

ACM013

Title: Structures,Luminescence and magnetic properties of K[Eu1-xGdx(salen)2] complexes

Jisuk Lee, Yeungnam University, Republic of Korea

ACM014

Title: Binding properties of A- and B-form DNA complexed with TMPyP or Co-containing analogue by Spectroscopic analysis

Ha Young Cho, Yeungnam University, Republic of Korea

ACM015

Title: Opening the proteasome gate and its proteostatic consequences in the cell

Jung Hoon Lee, Seoul National University College of Medicine, Republic of Korea

ACM016

Title: The Effect of Imidazole on the Electrochemistry of Zinc Porphyrins: An Electrochemical and Computational Study

Yuhlong Oliver Su, National Chi Nan University, Taiwan

ACM017

Title: A-STOCHMAL-chemical composition of sea buckthorn fruit

Anna Stochmmal, Institute of Soil Science and Plant Cultivation-State Research Institute, Poland

ACM018

Title: Simultaneous determination of efavirenz/emtricitabine/tenofovir disoproxil fumarate in human plasma by liquid chromatography-tandem mass spectrometry with electrospray ionization method and its application to a bioequivalence study

Ekawan Yoosakul, The Government Pharmaceutical Organization, Thailand

ACM019

Title: Simultaneous determination of carvedilol and its metabolite in human plasma by liquid chromatography-tandem mass spectrometry with electrospray ionization method and its application to a bioequivalence study

Isariya Techatanawat, The Government Pharmaceutical Organization, Thailand

ACM020

Title: Solid state extraction and chemical printing of biological tissue by gold nanoparticles-assisted laser ablation

Kwan-Ming NG, The University of Hong Kong, China

ACM021

Title: Low-Gluterin Rice, Endosperm Protein Mutant Rice

Sachiko Iizuka, National Research Institute of Brewing, Japan

ACM022

Title: Systematic control of ion desorption efficiency and heat transfer in surface-assisted laser desorption/ ionization

Samuel Kin-Man Lai, The University of Hong Kong, China

ACM023

Title: New method to detect intact molecular ions directly by charge sensitive particle detector

Yu-Cen Sun, Chinese Academy of Sciences, China