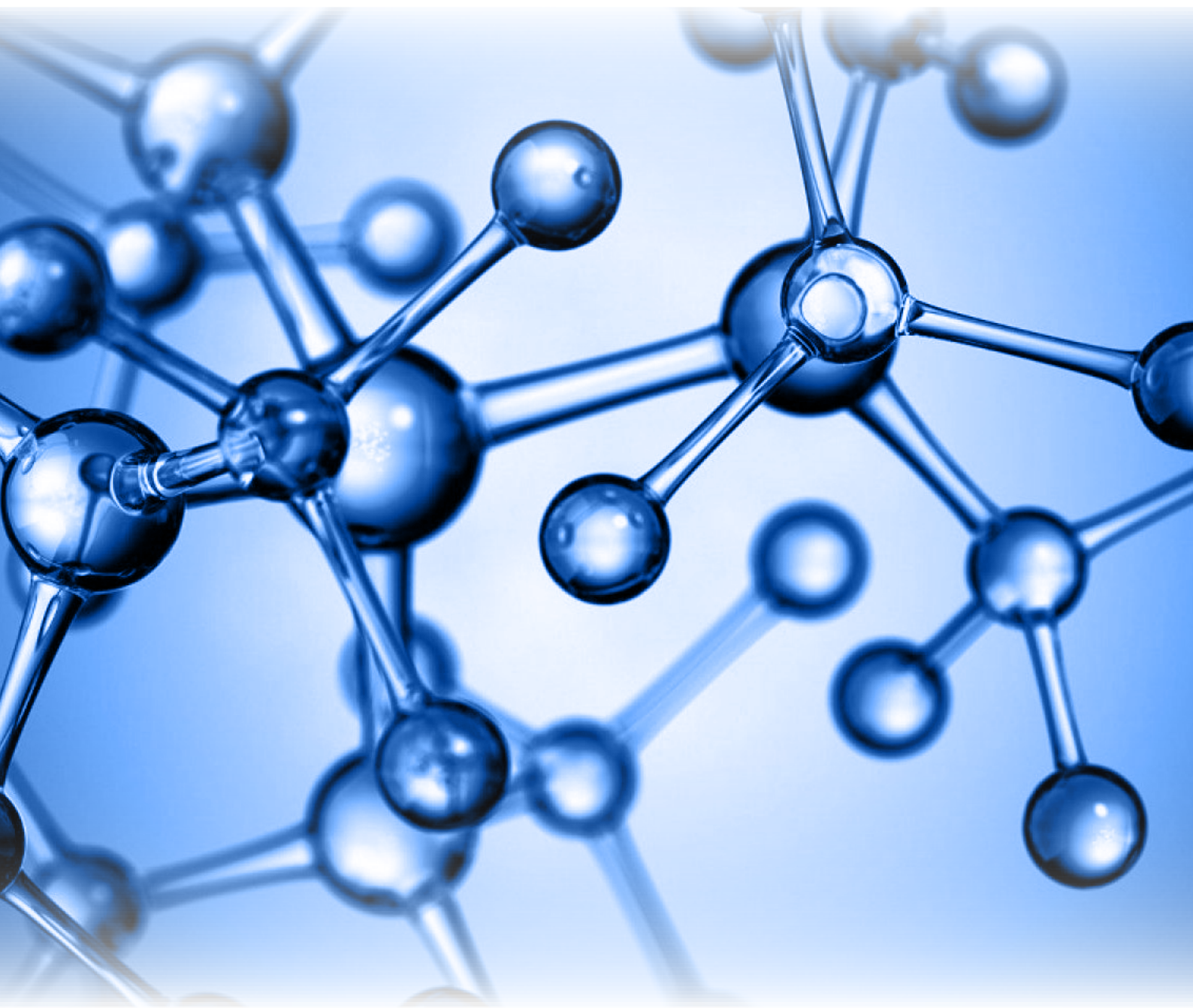


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Scientific Program

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

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08:30-09:30 Registrations

Serenity

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09:30-09:55

Opening Ceremony

Keynote Forum

09:55-10:00 Introduction

Title: Excitonic structure and dynamics in various photosynthetic antenna protein complexes: Hole-burning and modeling studies

10:00-10:40

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 @ Foyer

Sessions:

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

Session Introduction

Session Chair: Ryszard J Jankowiak, Kansas State University, USA

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 @ 3F Regency DE

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 @ Foyer

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

Panel Discussion

Serenity

Sessions:

LC-MS | Analytical Chemistry

Session Introduction

Session Chair: King-Chuen Lin, National Taiwan University, Taiwan

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

- 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

Posters ACM001-ACM012 @11:30-12:15

Posters ACM013-ACM023 @12:15-13:00

Poster Judge: King-Chuen Lin, National Taiwan University, Taiwan

- 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: **Dynamic trace-moisture generator for performance evaluation on commercial cavity ring-down spectroscopy analyzer**
Chia-Wei Chang, Industrial Technology Research Institute, Taiwan
- ACM005** Title: **Gas permeation through micropores membranes 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(III) (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[Eu_{1-x}Gdx(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 Stochmal, 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: **Identification of 4-mercapto-4-methylpentan-2-one as the characteristic aroma of sake made from low-glutelin 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: **The new method to detect intact molecular ions directly by charge sensitive particle detector**
Yu-Cen Sun, AcorMass Technologies Incorporation, Taiwan

Award and Closing Ceremony

Lunch Break 13:00-14:00 @ 3F Regency DE

Panel Discussion

Next in Series

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