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Tentative Program

10th Annual Chemistry and Mass Spectrometry Congress

October 18-19, 2017 Osaka, Japan



Hosting Organization: Conference Series

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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: Characterization of granular activated carbons used in rum production based on immersion bubble-metric and acoustic emission analysis** **Harold Crespo-Sariol,** Hasselt University, Belgium
14:10-14:40	**Title: Novel green-chemistry micro-fluidic synthesis of Anthracene-based microporous for H2 storage by capillary-furnace led based reactor** **Fadi Ibrahim,** Saad Bin-Alrabee Alansari School, Egypt
14:40-15:10	**Title: Hydrophilic interaction liquid chromatographic determination of antidiabetic drug, Glimepiride, in pharmaceutical formulations** **Yuegang Zuo,** University of Michigan, USA

Refreshments and Networking Break 15:10-15:30

15:30-16:00	**Title: Concentration and chemical speciation in drinking water in an affected area of Chronic Kidney Disease of Unknown Etiology (CKDu) in Sri Lanka** **Janitha A Liyanage,** University of Kelaniya, Sri Lanka
16:00-16:30	**Title: Heavy metals speciation of Osun river in Osun state, Nigeria** **Rasheed Adetoro,** Osun State University, Nigeria
16:30-17:00	**Title:Assessment of heavy metals in soil samples associated with automobile activities in selected areas of Jere local government area of Borno state** **Aishatu Santuraki,** Federal University, Nigeria

SPEAKER SLOTS AVAILABLE

Panel Discussion

Day 2 October 19, 2017

Hall

Keynote Forum

10:00-10:40	**Title: Biological active 1, 2, 4-triazole derivatives.: synthesis and biological studies** **Zaraniah Binti Abdullah,** University of Malaya, Malaysia

Sessions:
LC-MS | Analytical Chemistry | Fundamentals of Mass Spectrometry | Imaging Mass Spectrometry | Proteins and Peptide analysis in Mass Spectrometry

Session Introduction

Session Chair: TBA

10:40-11:10	**Title: Identification and origin of geochemical anomalies of trace elements in soils** **Agnieszka Galuszka,** Jan Kochanowski University, Poland
11:10-11:40	**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 11:10-11:30

11:30-12:00	**Title: The application of mass spectrometry technology in clinical medicine and traditional Chinese medicine** **Lin Zhang,** Dalian Medical University, China
12:00-12:30	**Title: E-BABE- Some applications of laser-based ionization mass spectrometer in molecular photodissociation** **King-Chuen Lin,** National Taiwan University, Taiwan
12:30-13:00	**Title: The extraction of peptidome/proteome from in vitro to in vivo: the in-situ and timing extraction of cellular peptidome from live cells** **Ren'an Wu,** Chinese Academy of Sciences, China

Lunch Break 13:00-14:00

14:00-14:30	**Title: A new principle mass spectrometer using two rotating electric fields** **Masashi Nojima,** Tokyo University of Science, Japan
14:30-15:00	**Title: Microporous organic polymer for sample preparation in trace analysis of complicated samples** **Gongke Li,** Sun Yat-sen University, China
15:00-15:30	**Title: LC-MS/MS of ultra-trace plant hormones in limited samples** **Yi Chen,** Chineses Academy of Sciences, China

Refreshments and Networking Break 15:30-15:50

15:50:16:10	**Title: Microcanonical molecular dynamics and histogram technique for drawing thermodynamics parameters of metallic clusters** **Jinsena Hewage,** University of Ruhuna, Srilanka
16:10:16:40	**Title:Assessment of Environmental Pollution in Recent and Calcolithic Age Comparing Mytilus galloprovincialis Lamarck, 1819 From Yarımburgaz Cave, Northern Marmara Sea and Bosphorus coasts** **Ipek F Barut,** Istanbul University Institute of Marine Sciences and Management, Turkey

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: 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 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: Dual-metal centered zirconium organic framework: A metal-affinity probe for highly specific interaction with phosphopeptides** **Jiaxi Peng,** Chinese Academy of Sciences, China
ACM009	**Title: A-STOCHMAL-chemical composition of sea buckthorn fruit** **Anna Stochmmal,** Institute of Soil Science and Plant Cultivation-State Research Institute, Poland
ACM010	**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
ACM011	**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
ACM012	**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
ACM013	**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
ACM014	**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
ACM015	**Title: Homogeneous carbon nanosphere films spot for highly efficient laser desorption/ionization of small biomolecules** **Xin Li,** Chinese Academy of Sciences, China

B2B Meetings & Panel Discussion

Awards & Closing Ceremony

