

## The 3<sup>rd</sup> Asian-Oceanic Mass Spectrometry Conference (AOMSC-3)

Australian and New Zealand Society for Mass Spectrometry (ANZSMS)  
 Chinese Mass Spectrometry Society (CMSS)  
 Hong Kong Society of Mass Spectrometry (HKSMS)  
 Indian Society for Mass Spectrometry (ISMAS)  
 Korean Society for Mass Spectrometry (KSMS)  
 Mass Spectrometry Society of Japan (MSSJ)  
 Singapore Society for Mass Spectrometry (SSMS)  
 Taiwan Society for Mass Spectrometry (TSMS)

### Day 1 (Monday, 17<sup>th</sup> September) 17:15-19:15 (Room A)

#### “OMICS and Biological Mass Spectrometry”

Chair: Yu-Ju Chen (TSMS) / Tohru Yamagaki (MSSJ)

1	Top-down analysis of lipoproteins by on-line field-flow fractionation and ESI-MS-MS	Ki Hun Kim; Ju Yong Lee; Myeong Hee Moon	Korea
2	Serum metabolome analysis for early detection of colorectal cancer	Masaru Yoshida; Shin Nishiumi; Yoshihiro Izumi; Atsuki Matsubara; Takeshi Azuma	Japan
3	Identification of insect species by direct UV-laser desorption/ ionization mass spectrometry of cuticular lipids and pheromones	Jacqueline Chin; Qi Ling Koh; Joanne Yew	Singapore
4	Acylglycine: a potential biomarker for the clinical diagnosis of inborn metabolic disorders	Bonnie Fong; Sidney Tam; Kelvin Leung	Hong Kong
5	Caco-2 permeability studies as a new alternative model to bioequivalence and biowaiver tests	Seval Korkmaz	Turkey
6	Clinical application of rapid bacterial identification using mass spectrometry	Kazuyuki Sogawa; Masaharu Watanabe; Fumio Nomura	Japan

### Day 2 (Tuesday, 18<sup>th</sup> September) 17:15-19:15 (Room A)

#### “New Technologies”

Chair: Myeong Hee Moon (KSMS) / Kanako Sekimoto (MSSJ)

1	Radiosensitizers investigated using electrospray ionization mass spectrometry	Linda Feketeova; Niels Bassler; Brita S Sørensen; Michael R Horsman; Jonathan White; Richard A J O'Hair	Australia
2	Combining quantum mechanical and MS analysis to understanding the source of H <sup>+</sup> during APPI of PAH dissolved in toluene	Arif Ahmed; Chell Ho Choi; Kim Sunghwan	Korea
3	Application of high speed LC-MSMS technology towards unambiguous characterization of degraded products of Lenalidomide, an anticancer molecule	Janani Thyagarajan; Raman Palavannathan; Saravanan Subramanyam; Govindarajan Chandramohan; Mohan Kasi; Manohar Venkat	India
4	Sensitive ionization of non-volatile analytes using multiply charged primary ions in desorption electrospray ionization mass spectrometry	Zhiqiang Zhu; Qiliang Gong; Yafei Zhou; Ning Xu; Haiwei Gu; Huanwen Chen; Tengao Zhu	China
5	Hydrocarbons analysis by desorption atmospheric pressure chemical ionization	Fred Paul mark Jjunju Jjunju; Badu_Tawiah K Abraham; Li Anyin; Roqan S Iman; Graham R Cooks	Saudi Arabia
6	Miniaturized peptide sample pretreatment platform for indirect spray analysis	Hoi Sze Yeung; Tak-Wah Dominic Chan	Hong Kong
7	Large bio-particle detection technologies and their applications	Chung Hsuan Chen	Taiwan