

2023			
The 20 <sup>th</sup> Taiwan Society for Mass Spectrometry Anniversary Celebration and 19 <sup>th</sup> Annual Conference			
July 4 <sup>th</sup> , Tuesday (Day 1)			
11:00-12:30	Registration		
	Grand Ballroom I, III		
12:30-13:20	<b>Tutorial Lecture I</b> Chair : Sung-Fang Chen (National Taiwan Normal University)	Novel MS techniques presented at ASMS Annual Conferences in recent years <b>Speaker: Cheng-Chih Hsu</b> (National Taiwan University)	
13:20-14:10	<b>Tutorial Lecture II</b> Chair : Guor-Rong Her (National Taiwan University)	Global Metabolomics and Lipidomics: Technology Development and Applications <b>Speaker: Liang Li</b> (University of Alberta, Canada)	
14:10-14:30	Coffee Break		
14:30-15:20	What's new in Science and Technology		
	Rose I	Rose II	Plum Blossom II
	PerkinElmer	Agilent Technologies	
Workshop	Rose I	Rose II	Plum Blossom II
	<b>Emerging Researches, Paper Writing and Submission in MS</b> Chair : Yu-Ju Chen (Academia Sinica)	<b>Food Safety</b> Chair : Ting-Jang Lu (National Taiwan University)	<b>MS Scholars and Experts in Entrepreneurship Experience Sharing</b> Chair : Cheng-Chih Hsu (National Taiwan University)
15:20-16:20	Yu-Ju Chen (Academia Sinica) Renato Zenobi (ETH Zürich) Jonathan V. Sweedler (University of Illinois)	Ming-Chih Fang (National Taiwan Ocean University) Yu-Ching Hung (Taiwan Food and Drug Adminstraion) Ching-Chia Chang (Taiwan Food and Drug Adminstraion)	Chung-Hsuan Chen (Academia Sinica) Cheng-Chih Hsu (National Taiwan University) Jen-Pang Huang (MSONline Scientific Company Limited)
16:20-16:30	Coffee Break		
	Grand Ballroom I, III		
16:30-18:00	TSMS 20th Anniversary Forum and Celebration Chair: Ching-Hua Kuo (National Taiwan University)		
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The 20 <sup>th</sup> Taiwan Society for Mass Spectrometry Anniversary Celebration and 19 <sup>th</sup> Annual Conference			
July 5 <sup>th</sup> , Wensday (Day 2)			
08:10-09:00	Registration		
	Grand Ballroom I, III		
09:00-09:40	Chair : Yi-Sheng Wang, President (Academia Sinica)	19 <sup>th</sup> TSMS Annual Conference Opening Ceremony	
		TSMS Member Meeting : Mei-Chun Tseng, Secretary-general (Academia Sinica)	
		Award Ceremony	
09:40-10:30	Plenary Lecture I Chair : Yi-Sheng Wang, President (Academia Sinica)	High Throughput Single Cell Chemical Characterization of the Brain <b>Speaker: Professor Jonathan V. Sweedler</b> (Department of Chemistry, University of Illinois, USA)	
10:30-11:00	Coffee Break & Group Photo		
Invited Lecture (I)	Rose I	Rose II	Plum Blossom II
	<b>Food Science</b> Chair : Guor-Rong Her (National Taiwan University)	<b>Instrumentaion and Methodology I</b> Chair : Maw-Rong Lee (National Chung Hsing University)	<b>Environment and Toxicology</b> Chair: Hauh-Jyun Chen (National Chung Cheng University)
11:00-11:20	Jenn-Feng Sheen (National Hu-wei University of Science and Technology)	He-Hsuan Hsiao (National Chung Hsing University)	Pao-Chi Liao (National Cheng Kung University)
11:20-11:40	Hong-Jhang Chen (National Taiwan University)	I-Chung Lu (National Chung Hsing University)	Pai-Shan Chen (National Taiwan University)
11:40-12:00	Han-Ju Chien (National Chiayi University)	Szu-Hsueh Lai (National Cheng Kung University)	Hsin-Chang Chen (Tunghai University)
12:00-13:20	Lunch/ 11F Olympus I		
	Lunch Seminar		14F Spring
	Rose I	Rose II	Plum Blossom II
	WATERS ASIA LIMITED, TAIWAN BRANCH (U.S.A.)	SHIMADZU	Great Engineering Technology Corp.
	Members of Director and Supervisor Meeting		
13:20-14:00	Poster Session (Odd)		
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The 20 <sup>th</sup> Taiwan Society for Mass Spectrometry Anniversary Celebration and 19 <sup>th</sup> Annual Conference			
July 5th, Wednesday (Day 2)			
Invited Lecture (II)	Rose I	Rose II	Plum Blossom II
	<b>Clinical and Biomedical Application I</b> Chair : Yeou-Lih Huang (Kaohsiung Medical University)	<b>Drugs Abuse Screening</b> Chair : Yan-Zin Chang (Chung Shan Medical University)	<b>Pharmaceutical and Cross-Disciplinary Analysis</b> Chair : Shu-Hui Chen (National Cheng Kung University)
14:00-14:20	Liang-Yin Ke (Kaohsiung Medical University)	Guan-Yuan Chen (National Taiwan University)	Kun-Yi Chien (Chang Gung University)
14:20-14:40	Yi-Ting Chen (Chang Gung University)	Yao-Te Yen (Ministry of Justice Investigation Bureau)	Shih-Shin Liang (Kaohsiung Medical University)
14:40-15:00	Chi-Wei Lee (National Sun Yat-sen University)	Chin-Lin Hsieh (Yunlin County Police Bureau)	Yu-Liang Yang (Academia Sinica)
15:00-15:30	Coffee Break		
Invited Lecture (III)	<b>Instrumentaion and Methodology II</b> Chair : Jen-Taie Shiea (National Sun Yat-sen University)	<b>Proteomics</b> Chair : Pao-Chi Liao (National Cheng Kung University)	<b>Pharmaceutical and Metabolomic Analysis</b> Chair : Ming-Ren Fuh (Soochow University)

15:30-15:50	Chung-Hsuan Chen (Academia Sinica)	John Gregory Marshall (Toronto Metropolitan University, Canada)	Kuo-Lung Ku (National Chiayi University)
15:50-16:10	Wen-Ping Peng (National Dong Hwa University)	Pang-Hung Hsu (National Taiwan Ocean University)	Guor-Jien Wei (National Yang Ming Chiao Tung University)
16:10-16:30	Hsiung-Jung Lin (Linyuan Advanced Materials Technology Co., Ltd.)	Sung-Huan Yu (National Sun Yat-sen University)	Hsiao-Wei Liao (National Yang Ming Chiao Tung University)
16:30-16:40	Coffee Break		
Oral Presentation for Students	Chair : Yong-Chien Ling (National Tsing Hua University)	Chair : Chuan-Fa Chang (National Cheng Kung University)	Chair : Chi-Kung Ni (Academia Sinica)
	Reviewer : Der-Ren Lee (Consumers' Foundation Chinese Taipei)	Reviewer : An-Ren Hu (Tzu Chi University)	Reviewer : Shih-Jen Jiang (National Sun Yat-sen University)
	Reviewer : Mei-Chun Tseng (Academia Sinica)	Reviewer : Ying-Lan Chen (National Cheng Kung University)	Reviewer : Su-Hsiang Tseng (Taiwan Food and Drug Adminstraion)
16:40~16:52			
16:52~17:04			
17:04~17:16			
17:16~17:28			
18:00~21:00	Conference Banquet (10F Round II)		
2023 The 20 <sup>th</sup> Taiwan Society for Mass Spectrometry Anniversary Celebration and 19 <sup>th</sup> Annual Conference			
July 6th, Thursday (Day 3)			
08:10-09:00	Registration		
09:00-09:50	Grand Ballroom I, III		
	Plenary Lecture II Chair : Yu-Ju Chen (Academia Sinica)	On-line breath metabolomics using secondary electrospray ionization high-resolution mass spectrometry Speaker: Professor Renato Zenobi Francois (Laboratory of Organic Chemistry, Department of Chemistry and Applied Biosciences, ETH Zürich)	
09:50-10:30	Coffee Break		
Invited Lecture (IV)	Rose I	Rose II	Plum Blossom II
	MS Data Analysis Chair : Yet-Ran Chen (Academia Sinica)	Inorganic and Industry Analysis Chair : Tsung-Ting Shih (Fu Jen Catholic University)	Clinical and Biomedical Application II Chair : Chao-Jung Chen (China Medical University)
10:30-10:50	San-Yuan Wang (Taipei Medical University)	Yaw-Huei Hwang (National Taiwan University)	Chia-Ni Lin (Linkou Chang Gung Memorial Hospital)
10:50-11:10	Hui-Yin Chang (National Central University)	Syr-Song Chen (JTTEC SERVICE CORPORATION)	Der-Yen Lee (China Medical University)
11:10-11:30	Ching-Tai Chen (Asia University)	Chih-Min Huang (KO DA Pharmaceutical Co.,Ltd.)	Chi-Yu Lu (Kaohsiung Medical University)
11:30-13:00	Lunch/ 11F Olympus I		
	Lunch Seminar		
	Rose I	Rose II	Plum Blossom II
13:00-13:40	WATERS ASIA LIMITED, TAIWAN BRANCH	SCIEX (TAIWAN) PRIVATE LIMITED	INTEGRATED SCIENTIFIC SERVICES GROUP,
13:40-14:00	Poster Session (Even)		
	Coffee break		
	Grand Ballroom I, III		
Keynote & Award Lecture	Chair : Yi-Sheng Wang, President (Academia Sinica)		
14:00-14:25	Keynote Lecture I	Speaker: Prof. Ching-Hua Kuo (National Taiwan University)	
14:25-14:50	Keynote Lecture II	Speaker: Prof. Yet-Ran Chen (Academia Sinica)	
14:50-15:10	Distinguished Scholar Award	0	
15:10-15:30		0	
15:30-15:50	Young Scholar Award	0	
15:50-17:00	Closing Ceremony, Oral and Poster Session Award & Lucky Draw		
17:00	Snack Box		