Scientific Program

Day 1 May 22, 2017

09:00-09:30	**Registrations**
09:30-09:50	**Opening Ceremony**
Keynote Session	
09:50-10:50	**Title:** RASER (Rate Amplification based on the Substrate-Enhanced Reaction) Model of Single-Molecule Enzyme Catalysis.
	Sungchul Ji, Rutgers University Ernest Mario School of Pharmacy, USA
Group Photo	
Networking and Refreshments Break: 10:50-11:10	
11:10-12:10	**Title:** Study of proteome heterogeneity and dynamics
	Stanislav Naryzhny, Petersburg Nuclear Physics Institute, NRC "Kurchatov Institute", Russia
Sessions: Immunoproteomics |Analytical Proteomics & Genomics |Integrating Transcriptomics & Proteomics|Proteomics Discovery & Function|Plant Proteomics |Protein Biochemistry	
Session Chair: Sungchul Ji, Rutgers University Ernest Mario School of Pharmacy, USA	
12:10-12:50	**Title:** C4orf48, a gene related to the Wolf-Hirschhorn contiguous gene syndrome, codes for a novel secreted protein linked to cell differentiation processes
	Daniel H. Wreschner, Tel Aviv University, Israel
Lunch Break: 12:50-13:50	
13:50-14:30	**Title:** Flexible large-scale wireless ethanol sensor using metamaterial
	Sungjoon Lim, Chung-Ang University, South Korea
14:30-15:10	**Title:** Transforming growth factor-β-induced CUX1 isoforms are potentially associated with fibrosis in systemic sclerosis lung fibroblasts
	Tetsurou Ikeda, Kochi University, Japan
15:10-15:50	**Title:** Comparative peptidome analysis of the mucus from seven gastropod species
	Viroj Tachapuripunya, Kasetsart University, Thailand
Networking and Refreshments Break: 15:50-16:10	
16:10-16:50	**Title:** The Proteomics of drought stress response in Arabidopsis thaliana
16:50-17:30	**May Alqurashi,** King Abdullah University of Science and Technology, Saudi Arabia **Title:** New Insights into the Targeting of Tail-anchored Membrane Proteins to Plant Organelles
	Hsin-Yang Chang, National Sun Yat-sen University, Taiwan
Panel Discussion	
Day 1 End	

Day 2 May 24, 2017	
Keynote Session	
09:30-10:30	**Title:** Tissue specific secretomes: A treasure chest for identification of disease related marker proteins
	Stefan Lehr, Institute for Clinical Biochemistry and Pathobiochemistry, Germany
Networking and Refreshments Break: 10:30-10:50	
10:50-11:50	**Title:** Systematical approach upon the toxicity of chromium delivered by skin route with functional proteomics
	Tai Long Pan, Chang Gung University, Taiwan
11:50-12:50	**Title:** Advanced X-ray bioimaging technology for structural genomics
	Yoshitaka Bessho, Academia Sinica, Taiwan
Lunch Break: 12:50-13:50 @ Pre-Function Hall	
Sessions: Proteomics for Bioinformatics |Neuroproteomics & Neurometabolomics	
Session Chair: Stefan Lehr, Institute for Clinical Biochemistry and Pathobiochemistry, Germany	
13:50-14:30	**Title:** Virtual-experimental 2DE as a platform in study of biomarkers
	Stanislav Naryzhny, Petersburg Nuclear Physics Institute, NRC "Kurchatov Institute", Russia
14:30-15:10	**Title:** Carcinogenic arecoline shows a paradoxical effect in modulating endothelial nitric oxide production and the subsequent protein S-nitrosylation
	Bin Huang, Kaohsiung Medical University, Taiwan
15:10-15:50	**Title:** Photonic Light Irradiation by 660 nm Inhibits Oxidative Stress and Induces Brain-derived Neurotrophic Factor Expression in Neurons
	Jong-Ha Lee, Stanford University School of Medicine, South Korea
Networking and Refreshments Break: 15:50-16:10	
16:10-17:10	**Poster Presentations**
PRO-001	**Title:** Modulation of fish allergenicity towards the production of a low allergen farmed fish; a proteomics approach.
	Pedro M. Rodrigues, Universidade do Algarve, Portugal
PRO-002	**Title:** Mechanisms of Drug Resistance of Taxol Based on Computational Studies
	Zhong-Ru Xie, University of Georgia, USA

PRO-003	**Title:** Pyrazolylamine Derivatives Reveal the Conformational Switching between Type I and Type II Binding Modes of Anaplastic Lymphoma Kinase (ALK)
	Su-Ying Wu, National Health Research Institutes, Taiwan
PRO-004	**Title:** Laser Microdissection Combined with Microarray Revealed Key Genes Involved in Regulating the uORF-Mediated Translational Inhibition
	Huai-Jen Tsai, Mackay Medical College, Taiwan
PRO-005	**Title:** Investigation of the oxidative modification of glutathione peroxidase 5 in boar seminal plasma and its correlation with semen quality
	Yu-Min Yang, National Ilan University, Taiwan
PRO-006	**Title:** Proteomic Identification Revealed Anticancer Mechanism of Antimicrobial Peptide GW-Q4a and Its Combination with Chemotherapeutic Drugs against Colorectal Cancer Cell Line HCT116
	Eden Wu, National Ilan University, Taiwan
PRO-007	**Title:** Pathogenic mechanisms in lung-derived cell line infected with seasonal H1N1 comparing with influenza H1N1 2009 viruses
	Tistaya Semangoen, Burapha University, Thailand
PRO-008	**Title:** FGF21 Up-Regulates Glycolytic Proteins for Hypertrophic Chondrocyte Survival under ER Stress
	SO Kam Ho Kenso, The University of Hong Kong, Hong Kong
Panel Discussion	
Day 2 End	
Awards & Closing Ceremony	
Day 3 May 24, 2017	
B2B Networking	