

Day 1 – 15th August 2017

Time	Programme
8.00 – 9.00 am	Registration Opens
9.00 – 9.20 am	Opening Ceremony and Welcome Address
9.20 – 10.05 am	Keynote 1: Characterization of Stress Responsive Mechanisms in Soybean under Abiotic Stresses using Quantitative Proteomic Approach <i>Setsuko Komatsu, University of Tsukuba, Japan - Chairperson: Chin Chiew Foan</i>
10.05 – 10.30 am	Group Photo, Networking, Refreshment Break and Poster viewing
FOOD PROTEOMICS	
10.30 – 11.00 am	Plenary 1: Comparative Nuclear Proteomic Analyses of Rice Blast Illustrates Novel Regulators of Plant Immunity <i>Subhra Chakraborty, National Institute of Plant Genome Research, India - Chairperson: Setsuko Komatsu</i>
11.00 – 11.30 am	Plenary 2: Proteomics Analysis of Drought Stress Response in Two Rice Varieties with Contrasting Phenotypes <i>Paul A Haynes, Macquarie University, Australia - Chairperson: Subhra Chakraborty</i>
11.30 – 11.50 am	Talk 1: Protein Pattern of Rice (<i>Oryza sativa</i> L.) Grain Helps to Analyse Cooking Quality Properties <i>Mohammad-Zaman Nouri, Rice Research Institute of Iran, Iran</i>
11.50 am – 12.10 pm	Tech Talk 1: Recent Contributions of Orbitrap Mass Spectrometry-Based Proteomic Techniques in Food Safety and Authenticity Analyses <i>Lin-Tang Goh, Thermo Fisher Scientific</i>
12.10 – 1.30 pm	Lunch Break
1.30 – 2.30 pm	Poster Presentation 1
ANALYTICAL, MICROBIAL AND INDUSTRIAL PROTEOMICS	
2.30 – 3.00 pm	Plenary 3: Reproducible Evaluation of the Accuracy of Proteomics Methods for Protein Identification and Quantification <i>Susan R Wilson, University of New South Wales, Australia - Chairperson: Paul A Haynes</i>
3.00 – 3.30 pm	Plenary 4: Development of Redox Proteomics Technologies and Application in Stomatal Guard Cell Immunity Research <i>Sixue Chen, University of Florida, USA</i>
3.30 – 3.50 pm	Talk 2: Utilization of Phage-Host Interaction to Enhance the Role of Phage Therapy as a Tool to Disperse MRSA Biofilm <i>Khulood Al Dulaimi, Universiti Putra Malaysia, Malaysia</i>
3.50 – 4.10 pm	Talk 3: Molecular Investigation of Carrageenan Production in <i>Kappaphycus alvarezii</i> In Different Culture Conditions: A Proteomic Approach <i>Siti Rokhiah Ahmad Usuldin, Agro-Biotechnology Institute, Malaysia</i>
4.10 – 4.30 pm	Networking and Refreshment Break
4.30 – 4.50 pm	Tech Talk 2: Promarker™: A Comprehensive Mass Spectrometry Based Biomarker Discovery and Validation Platform as Applied to Diabetic Kidney Disease <i>Scott D Brinqans, Proteomics International, Australia - Chairperson: Sixue Chen</i>
4.50 – 5.10 pm	Talk 4: Comparative Proteomics Profiling of Two <i>Ganoderma</i> Species during <i>In-Vitro</i> Interaction with Oil Palm Root <i>Siti Nahdatul Isnaini Said Hussin, Agro-Biotechnology Institute, Malaysia</i>
5.10 – 5.30 pm	Talk 5: Comparative Proteomic Study of Oil Palm Roots in Response to <i>In Vitro</i> Inoculation with Pathogenic & Non-pathogenic <i>Ganoderma</i> spp. <i>Norasfalza Rahmad, Universiti Putra Malaysia, Malaysia</i>

END OF DAY 1

Day 2 – 16th August 2017

AGRICULTURAL PROTEOMICS

Time	Programme
9.00 – 9.45 am	Keynote 2: Protein Degradation and Synthesis Rates in Leaf Growth and Development to Understand Energy Use and the Maintenance of Enzyme Function <i>A Harvey Millar, University of Western Australia, Australia - Chairperson: Wan Mohd Aizat</i>
9.45 – 10.15 am	Plenary 5: Quantitative Proteomic Atlas Uncovering the Widespread Ubiquitylation Regulation in the Embryo of Germinating Rice Seed <i>Pingfang Yang, Chinese Academy of Sciences, China</i>
10.15 – 10.45 am	Plenary 6: Na ₂ CO ₃ -responsive Photosynthetic and ROS Scavenging Mechanisms in Chloroplasts of <i>Alkaligrass</i> Revealed by Phosphoproteomics <i>Shaojun Dai, Shanghai Normal University, China</i>
10.45 – 11.00 am	Networking and Refreshment Break
11.00 – 11.20 am	Talk 6: Identification of Proteins in Pitcher Fluid of <i>Nepenthes</i> Species Through Proteomics Informed by Transcriptomics Approach <i>Hoe-Han Goh, Universiti Kebangsaan Malaysia, Malaysia - Chairperson: A Harvey Millar</i>
11.20 – 11.40 am	Talk 7: Proteome-wide Response of <i>Aquilaria</i> Tree to Agarwood Induction Treatments <i>Shiou Yih Lee, Universiti Putra Malaysia, Malaysia</i>
11.40 am – 12.00 pm	Talk 8: Molecular Comparison between Jobba Male and Female Individual Plants Revealed Differences in Protein Functions <i>Nursyuhaida Mohd Hanafi, Agro-Biotechnology Institute, Malaysia</i>
12.00 – 12.20 pm	Talk 9: Sub-Zero Acclimation Induces Enhancement of Freezing Tolerance Accompanied by Changes of Extracellular Proteome and Cell Wall Characteristics in <i>Arabidopsis</i> <i>Daisuke Takahashi, Max-Planck Institute of Molecular Plant Physiology, Germany</i>
12.20 – 1.30 pm	Lunch Break
1.30 – 2.30 pm	Poster Presentation 2
2.30 – 3.00 pm	Plenary 7: The Omics for Agriculture and Biodiversity <i>Mohd Hasnain Hussain, Universiti Malaysia Sarawak, Malaysia - Chairperson: Jameel R Al-Obaidi</i>
3.00 – 3.30 pm	Plenary 8: Barley and <i>Piriformospora indica</i> Relationship: What Has an Integrative Omics Approach Taught Us? <i>Ghasem Hosseini Salekdeh, Agricultural Biotechnology Research Institute of Iran, Iran</i>
3.30 – 3.50 pm	Talk 10: The Proteomic Landscape of Soybean Responses Against Flooding Stress: Insights from Post-Translational Modifications <i>Akiko Hashiguchi, University of Tsukuba, Japan</i>
3.50 – 4.20 pm	Talk 11: Quantitative Proteomics Analysis of Soybean Mitochondria on Exposure to Varying Sizes of Aluminium Oxide Nanoparticles Under Flooding Stress <i>Ghazala Mustafa, Quaid-i-Azam University, Pakistan</i>
4.20 – 4.40 pm	Networking and Refreshment Break
4.40 – 5.10 pm	Talk 12: Soybean Proteomics: A Leading Tool in Exploring Effects of Flooding Stress Using Gel-based Proteomic Technique <i>Amana Khatoon, Kohat University of Science and Technology, Pakistan - Chairperson: Hoe-Han Goh</i>
5.10 – 5.30 pm	Talk 13: Drought Stress Characterization of Tolerant and Sensitive Barley Genotypes Through Proteomics Analysis <i>Rehana Kausar, University of Azad Jammu & Kashmir, Pakistan</i>
5.30 – 8.00 pm	AOAPO Council Meeting
8.30 -10.30 pm	Conference Dinner

END OF DAY 2

Day 3 – 17th August 2017

MEDICAL PROTEOMICS

Time	Programme
9.00 – 9.45 am	Keynote 3: From Proteomic Analysis to Functional Analysis <i>Fook Tim Chew, National University of Singapore, Singapore</i> Chairperson: Shaojun Dai
9.45 – 10.15 am	Plenary 9: Cancer Biomarker Discovery: Lectin-Based Proteomic Studies <i>Onn Haji Hashim, University of Malaya, Malaysia</i>
10.15 – 10.45 am	Plenary 10: Chemical Proteomics Investigation of Artemisinin's Antimalarial and Anticancer Mechanisms <i>Qingsong Lin, National University of Singapore, Singapore</i>
10.45 – 11.00 am	Networking and Refreshment Break
11.00 – 11.20 am	Talk 14: Proteomic Analysis to Reveal Molecular Mechanism of Phenolic Acids Accumulation in Leaves of <i>Salvia miltiorrhiza</i> by UV-B Radiation <i>Xiaojuan Yin, China Pharmaceutical University, China</i> Chairperson: Fook Tim Chew
11.20 – 11.40 am	Talk 15: Proteomics Analysis of Kesum (<i>Persicaria minor</i> Huds.) Herbal Plant Upon Methyl Jasmonate Treatment <i>Wan Mohd Aizat, Universiti Kebangsaan Malaysia, Malaysia</i>
11.40 am - 12.00 pm	Talk 16: Proteomic Analysis of BmNPV Resistance in the Silkworm Reared on UV-B Induced Mulberry Leaves by SWATH-MS <i>Wei Zhu, Zhejiang University, China</i>
12.00 – 12.20 pm	AWARDS AND CLOSING CEREMONY
12.20 – 2.00 pm	Lunch

END OF CONFERENCE