

Seminar Schedule: “Multi-omics approach in plant system biology” Montien Bangkok Hotel, Bangkok, Thailand

| Monday, November 19, 2018 | |
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| 08:00 – 08:45 | Registration |
| 08:45 – 09:00 | Welcome Address: Assistant Professor Dr. Rungpetch Sakulbumrungsil Dean, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand Opening Speech: Professor Dr. Kiat Ruxrungtham Vice President for Research Development and Innovation, Chulalongkorn University |
| 09:00 – 09:30 | Lecture 1: "Integrated genomics, transcriptomics, and metabolomics to understand plant secondary metabolism" Associate Professor Takayuki Tohge, Ph.D. Nara Institute of Science and Technology, Japan |
| 9:30 – 10:00 | Lecture 2: The plant MicroRNAs: overview and analysis of its regulatory roles Professor Ismanizan Ismail, Ph.D. Director, Institute of system biology, Universiti Kebangsaan Malaysia, Malaysia |
| 10:00 – 10:30 | Refreshment Break |
| 10:30 – 11:00 | Lecture 3: Metabolomics: a new insight to unravel the potential of local herb Assoc. Prof. Dr. Syarul Nataqain Baharum Institute of system biology, Universiti Kebangsaan Malaysia, Malaysia |
| 11:00 – 11:30 | Lecture 4: Insights into plant carnivory through multi-omics approach Dr. Goh Hoe Han Institute of system biology, Universiti Kebangsaan Malaysia, Malaysia |
| 11:30 – 12:00 | Lecture 5: Different facets of shotgun proteomics at INBIOSIS: unravelling the proteome of model and non-model organisms Dr. Wan Mohd Aizat Wan Kamaruddin Institute of system biology, Universiti Kebangsaan Malaysia, Malaysia |
| 12:00 – 13:00 | Lunch |
| 13:00 – 13:30 | Lecture 6: How durian fruit produce the infamous odor Assistant Professor Supaart Sirikantaramas, Ph.D. Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand |
| 13:30 – 14:00 | Lecture 7: Molecular basis of flesh coloration in peach Professor Yuepeng Han, Ph.D. Wuhan Botanical Garden of the Chinese Academy of Sciences, China |
| 14:00 – 14:30 | Lecture 8: Discovery of Candidate Genes for Salinity Tolerance in Rice through Omics-Based Approaches Associate Prof. Teerapong Buaboocha, Ph.D. Faculty of Sciences, Chulalongkorn University, Bangkok, Thailand |
| 14:30 – 15:00 | Refreshment Break |
| 15:00 – 15:30 | Lecture 9: Reconstruction of transcriptional regulatory network in <i>Arabidopsis thaliana</i> aliphatic glucosinolate biosynthetic pathway Assoc Prof. Dr. Zeti Azura Mohamed Hussein Institute of system biology, Universiti Kebangsaan Malaysia, Malaysia |
| 15:30 – 16:00 | Lecture 10: Dream it possible: synthetic bioactive alkaloids from lotus Assistant Professor Sornkanok Vimolmangkang, Ph.D. Faculty of Pharmaceutical Sciences, Chulalongkorn University, Bangkok, Thailand |
| 18:00 – 20:00 | Dinner |