

Tentative Program

Day 1: 10 August 2026 (Monday)	
08:00 – 09:00	Registration
Venue: Seminar Hall, INBIOSIS	
09:00 – 09:15	<i>Welcoming Speech</i> Prof. Dr. Syarul Nataqain Baharum <i>(Director, Institute of Systems Biology, Universiti Kebangsaan Malaysia)</i>
09:15 – 09:45	<i>Officiation Speech</i> Prof. Dr. Ismanizan Ismail <i>(Deputy Vice Chancellor, Research and Innovation, Universiti Kebangsaan Malaysia)</i>
09:45 – 10:30	Keynote Lecture Professor Dr. Hiroshi Tsugawa <i>(Kyoto University)</i>
10:30 – 11:00	Coffee break
11:00 – 11:30	Plenary Lecture 1 Professor Dr. Faridah Abas <i>(University Putra Malaysia, UPM)</i>
11:30 – 12:00	Technical Talk 1 -Bruker
12:00 – 13:00	Poster presentation
13:00 – 14:30	Lunch break / Networking and Interactions
Venue: Seminar Hall, INBIOSIS	
14:30 – 15:00	Plenary Lecture 2 Professor Dr. Masanori Arita <i>(National Institute of Genetics, Japan)</i>
15:00 – 15:30	Plenary Lecture 3 Prof. Dr. Hiyas A. Junio <i>(University of the Philippines Diliman)</i>
15:30 – 16:00	Technical Talk 2 – (Thermo/ Agilent/ Waters)
16:00 – 16:30	Plenary Lecture 4 Dr. Stefano Cacciatore <i>(ICGEB South Africa)</i>
16:30 – 17:15	Closing & Best Poster Award Prize Giving Ceremony

Day 2: 11 August 2026 (Tuesday)		
08:45 – 09:30	Registration	
Venue: AktivUKM Room, INBIOSIS		
Time	Activity	Speaker/Facilitator
09:30 – 10:15	<i>Lecture 1: Fundamental of Metabolomics and Analytical tools</i>	<i>Prof. Dr. Syarul Nataqain Baharum</i>
10:15 – 10:30	Coffee Break	
10:30 – 11:15	<i>Lecture 2: Study design and experimental planning in Metabolomics</i>	<i>Prof. Dr. Syarul Nataqain Baharum</i>
11:15 – 12:00	<i>Lecture 3: Data cleaning and quality control</i>	<i>Dr. Stefano Cacciatore</i>
12:00 – 14:15	Lunch break / Networking and Interactions	
14:15 – 15:45	<i>Hand-on 1: Data processing using MS-DIAL</i>	<i>Dr. Nurkhalida Kamal</i>
15:45 – 16:45	<i>Hand-on 2: Data processing using MS-DIAL</i>	<i>Dr. Nurkhalida Kamal</i>
16:45	Coffee Break and End of day 2	

Day 3: 12 August 2026 (Wednesday)		
08:45 – 09:15	Registration	
Venue: AktivUKM Room, INBIOSIS		
Time	Activity	Speaker/Facilitator
09:15 – 10:30	<i>Hand-on 3: Univariate analysis</i>	<i>Dr. Stefano Cacciatore</i>
10:30 – 10:50	Coffee Break	
10:50 – 12:15	<i>Hand-on 4: Multivariate analysis</i>	<i>Dr. Stefano Cacciatore</i>
12:15 – 14:15	Lunch break / Networking and Interactions	
14:15 – 15:45	<i>Hand-on 5: GNPS Feature Based Molecular Networking</i>	<i>Dr. Nurkhalida Kamal</i>
15:45 – 16:45	<i>Hand-on 6: GNPS Feature Based Molecular Networking</i>	<i>Dr. Nurkhalida Kamal</i>
16:45	Coffee Break and End of day 3	

Day 4: 13 August 2026 (Thursday)		
08:45 – 09:15	Registration	
Venue: AktivUKM Room, INBIOSIS		
Time	Activity	Speaker/Facilitator
09:15 – 10:30	<i>Hand-on 7: Hand-on 6: GNPS Feature Based Molecular Networking & Cytoscape</i>	<i>Dr. Nurkhalida Kamal</i>
10:30 – 10:50	Coffee Break	
10:50 – 12:15	<i>Hand-on 8: Pathway and enrichment analysis</i>	<i>Dr. Kamalrul Azlan Azizan</i>
12:15 – 14:15	Lunch break / Networking and Interactions	
14:15 – 15:45	<i>Hand-on 9: Pathway and enrichment analysis</i>	<i>Dr. Kamalrul Azlan Azizan</i>
15:45 – 16:45	<i>Summary, discussions and wrap-up</i>	<i>Prof. Dr. Syarul Nataqain Baharum, Dr. Stefano Cacciatore Dr Kamalrul Azlan Azizan Dr. Nurkhalida Kamal</i>
16:45 – 17:15	<i>Closing Remarks and Presentation of Certificate of Attencance</i>	<i>All</i>
17:15	Coffee Break & End of day 4	

