

## Tentative Program

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

| Day 2: 11 August 2026 (Tuesday)                 |                                                                          |                                          |
|-------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------|
| 08:45 – 09:30                                   | Registration                                                             |                                          |
| Venue: Dewan Leftenan Adnan, Pusat Kesatria UKM |                                                                          |                                          |
| 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: Dewan Leftenan Adnan, Pusat Kesatria UKM |                                                    |                        |
| Time                                            | Activity                                           | Speaker/Facilitator    |
| 09:15 – 10:30                                   | Hand-on 3: Univariate analysis                     | Dr. Stefano Cacciatore |
| 10:30 – 10:50                                   | Coffee Break                                       |                        |
| 10:50 – 12:15                                   | Hand-on 4: Multivariate analysis                   | Dr. Stefano Cacciatore |
| 12:15 – 14:15                                   | Lunch break / Networking and Interactions          |                        |
| 14:15 – 15:45                                   | Hand-on 5: GNPS Feature Based Molecular Networking | Dr. Nurkhalida Kamal   |
| 15:45 – 16:45                                   | Hand-on 6: GNPS Feature Based Molecular Networking | Dr. Nurkhalida Kamal   |
| 16:45                                           | Coffee Break and End of day 3                      |                        |

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

UNIVERSITI KEBANGSAAN MALAYSIA

INSTITUT BIOLOGI SISTEM (INBIOSIS)

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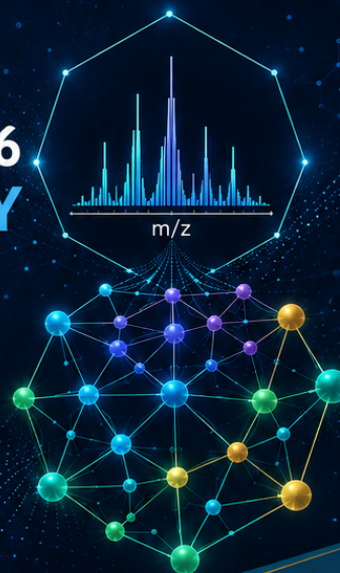
# NEXTGEN METAMINE 2026 OPENING CEREMONY

OFFICIAL PROGRAMME

10 AUGUST 2026 • 9.00–10.00 AM

Dewan Pujangga, Danau Golf Club

Unlocking Molecular Insights through Metabolomics and Data Mining



| TIME     | PROGRAMME                                                                                                                |
|----------|--------------------------------------------------------------------------------------------------------------------------|
| 9.00 AM  | <b>Arrival and Seating of the Deputy Vice-Chancellor</b><br>Invited speakers, guests and participants                    |
| 9.05 AM  | <b>Opening Remarks by the Master of Ceremonies</b>                                                                       |
| 9.08 AM  | <b>Opening Dua</b>                                                                                                       |
| 9.12 AM  | <b>Welcoming Remarks</b><br>Prof. Dr. Syarul Nataqain Baharum<br>Director, Institute of Systems Biology (INBIOSIS), UKM  |
| 9.20 AM  | <b>Officiation Speech</b><br>Prof. Dr. Ismanizan Ismail<br>Deputy Vice-Chancellor (Research and Innovation Affairs), UKM |
| 9.35 AM  | <b>Official Launching Montage and ARCSB 2027 Teaser</b>                                                                  |
| 9.40 AM  | <b>Presentation of Appreciation Token</b>                                                                                |
| 9.50 AM  | <b>Official Group Photography</b>                                                                                        |
| 10.00 AM | <b>Departure of the Deputy Vice-Chancellor</b>                                                                           |

UNIVERSITI KEBANGSAAN MALAYSIA

INSTITUT BIOLOGI SISTEM (INBIOSIS)

ICGEB-SPONSORED EVENT

# NEXTGEN METAMINE 2026 CLOSING CEREMONY

OFFICIAL PROGRAMME

10 AUGUST 2026 • 4.00-4.45 PM

Dewan Pujangga, Danau Golf Club

Unlocking Molecular Insights through Metabolomics and Data Mining



| TIME    | PROGRAMME                                                                                                                                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.00 PM | Arrival and Seating of Guests and Participants                                                                                                     |
| 4.05 PM | <b>Closing Speech</b><br>Prof. Dr. Syarul Nataqain Baharum<br>Director, Institute of Systems Biology (INBIOSIS),<br>Universiti Kebangsaan Malaysia |
| 4.20 PM | <b>Best Poster Award</b><br>Announcement and Prize-Giving Ceremony                                                                                 |
| 4.35 PM | <b>Official Group Photography</b>                                                                                                                  |
| 4.45 PM | <b>End of Ceremony</b>                                                                                                                             |