

5th INTERNATIONAL Conference on
BIOENGINEERING FOR HEALTH & ENVIRONMENT
09 OCTOBER 2025
MANIPAL UNIVERSITY COLLEGE MALAYSIA

Programme Itinerary

Day 1 – 9 October 2025					
Time	Programme				
0800 – 0900	Arrival of guests and participants Registration (Venue: Dato' Padmanaban Hall)				
0900 – 1000	Inauguration ceremony (Venue: Dato' Padmanaban Hall)				
1000 – 1030	Keynote 1: Prof Dr In-Kyu Park, Chonnam National University, South Korea Title: <i>Trigger-and-Release Nanozymes: Rewriting Inflammation and Cancer Therapy at the Nanoscale</i> Moderator: Dr. Sherly Deborah George Venue: Dato' Padmanaban Hall				
1030 – 1100	Tea Break and Networking @The Atrium – MUCM				
1100 – 1130	Keynote 2: Prof. Emeritus Dr. Rosnah Binti Mohd Zain, MAHSA University Title: <i>Transforming Oral and Maxillofacial Care through Bioengineering: Opportunities for Sustainable Health</i> Moderator: AP Dr. Snigdha Mishra Venue: Dato' Padmanaban Hall				
1130 – 1200	Keynote 3: Prof Dr. A. Dayanandan, Sathyabama Institute of Science and Technology, India Title: <i>Targeting Novel Cardio-Protective Streptokinase</i> Moderator: Prof Dr. Thidar Aung Venue: Dato' Padmanaban Hall				
1200 – 1230	Plenary 1: AP Dr Kue Chin Siang, Management and Science University, Malaysia Title: <i>Advancing Cancer Phototherapy: PEGylated Heptamethine Cyanine for Improved Efficacy and Immune Modulation</i> Moderator: AP Dr. Anita Devi Thantry Venue: Dato' Padmanaban Hall				
1230 – 1300	Plenary 2: Prof. Somsubhra De, Manipal University College Malaysia, Melaka Title: <i>Ultrasound Imaging in OBGYN: The Eye of a Gynaecologist</i> Moderator: Dr. Divakar, SVCE Venue: Dato' Padmanaban Hall				
1300 – 1400	Lunch break @ The Atrium – MUCM				
1400 – 1630	Technical Session 1 – Faculty Oral Presentation (Physical) Venue: Dato' Padmanaban Hall	Technical Session 2 – Student Oral Presentation (Physical) Venue: SCB-1-LT1	Technical Session 3 – Student Oral Presentation (Physical) Venue: SCB-1-LT2	Technical Session 4 – Student Oral Presentation (Physical) Venue: SCB-G-C2	Technical Session 5 – Faculty Oral Presentation (Virtual) Venue: Meeting Room 1, Ground Floor, Admin Building
1630 – 1700	Hi-Tea @ The Atrium – MUCM and End of Day 1				

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Day 2 – 10 October 2025					
Time	Programme				
0800 – 0900	Arrival of guests and participants Registration (Venue: Dato' Padmanaban Hall)				
0900 – 0930	Keynote 4: Prof Dr. Ahmad Rohi Bin Ghazali, Universiti Kebangsaan Malaysia Title: <i>Elucidating the role of sirtuins from the effects of oral pterostilbene in the UVB-induced skin photoaging BALB/c mouse model</i> Moderator: Dr. Faidruz Azura Jam Venue: Dato' Padmanaban Hall				
0930 – 1000	Keynote 5: Prof Ir. Ts. Dr. Sivarao A/L Subramonian, Universiti Teknikal Malaysia Melaka Title: <i>Fixing the broken link between research and real-world applications</i> Moderator: Mr. Puvanan Karunanithi Venue: Dato' Padmanaban Hall				
1000 – 1030	Tea Break and Networking @ The Atrium – MUCM				
1030 – 1300	Plenary 3: Prof. Soumendra Sahoo, Manipal University College Malaysia Title: <i>Bench to bedside: Nanoparticle's promise for treating retinal blindness</i> Moderator: Dr. Sherly Deborah George Venue: Dato' Padmanaban Hall	Plenary 4: Prof Dr. L. Stanley Abraham, Sathyabama Institute of Science and Technology, India Title: <i>Extraction and Characterization of Antiaging and Bioactive compounds from Selected Seaweeds</i> Moderator: Ms. Ng Choo Ting Venue: SCB-1-LT1	Technical Session 8 – Student Poster Presentation (Physical and Virtual) Venue: SCB-1-LT2	Technical Session 9 – Student Oral Presentation (Virtual) Venue: SCB-G-C2	Technical Session 10 – Student Oral Presentation (Virtual) Venue: Meeting Room 1, Ground Floor, Admin Building
	Technical Session 6 – Young Scientist Award Presentation Venue: Dato' Padmanaban Hall	Technical Session 7 – Faculty Poster Presentation (Physical and Virtual) Venue: SCB-1-LT1			
1300 – 1430	Lunch break @ The Atrium – MUCM				
1430 – 1500	Plenary 5: Dr. Nurul Nadiah Binti Abd Razak, Universiti Malaya Title: <i>Bridging Health and Environment through Enzyme-Based Synthesis of Functional Natural Products</i> Moderator: AP Dr. Sambit Dash Venue: Dato' Padmanaban Hall				
1500 – 1530	Plenary 6: Dr. S. Kumaralingam, Sathyabama Institute of Science and Technology, India Title: <i>Taxonomy of Brachyuran Crabs from Andaman and Nicobar Islands, Bay of Bengal, India</i> Moderator: Dr. Karthigadevi G, SVCE Venue: Dato' Padmanaban Hall				
1530 – 1700	Closing Ceremony @ Dato' Padmanaban Hall Hi-Tea @ The Atrium – MUCM				