



Molecular & Diagnostics & Biomarker Discovery 2024

Conference and Exhibition

Advancing Medical Health Technology

This two-day conference will feature keynotes, invited speakers, research presentations, and exhibitions from academia and industry across Asia-Pacific will enable researchers, graduate students, stakeholders, policy makers, startups, and practitioners to converge for the advancement of medical health technology.

3-4 Oct
2024

G Hotel Gurney
Penang, Malaysia

mdbd.usm.my

Speakers Lineup



Asma
ISMAIL



TOO
Heng-Phon



CHANG
Chia-Ching



Peter
HOFFMANN



Mohd Hairulnizal
MD NOH



CHONG
Chun Wie



Aziah
ISMAL



Mark
SKIDMORE



Catherine
HOR

Call for Papers

Abstract Submission Deadline 2024 Sep 2

Participation Fees

	Early (by Aug 31)	Normal
Student	RM 500	RM 600
Professional	RM 700	RM 800

Abstract Publication

Presenters can also opt for publication in **BMC Proceedings** for a fee of RM 450.

Themes

Molecular Diagnostics, Biomarker Discovery, Therapeutics, Medical Devices, Cancer, Cardiovascular and Metabolic Diseases, Infectious Diseases, and other related fields.

Sponsorship & Exhibition



Visit our conference website for details.

Registration and Abstract Submissions Open Now



Come join us!

mdbd@usm.my



Conference Program (Tentative)

Day 1 | 3rd Oct 2024

0800 – 0850	Registration
0850 – 0900	Associate Prof. Dr. Aziah Ismail Conference Advisor, Director of INFORMM, USM Welcoming Remarks
	[Chairperson 1: Prof. Dr. Gurjeet Kaur A/P Chatar Singh]
0900 – 0945	Professor Emerita Datuk Dr. Asma Ismail, FAS International Islamic University Malaysia, Malaysia Advancing Medical Health Technology through a Resilient Biomedical Ecosystem
0945 – 1020	Professor Dr. Peter Hoffmann University of South Australia, Australia Towards personalised medicine: Proteomics of patient derived cells and tissues
1020 – 1030	Photo Session
1030 – 1100	Exhibition & Networking, Poster Viewing Session
	[Chairperson 2: Dr Eugene Ong Boon Beng]
1100 – 1130	Professor Dr. Chia-Chin Chang National Yang Ming Chiao Tung University, Taiwan Functional biosensing platform development for pathogens sensing, typing and/or anti-infection molecules screening
1130 – 1200	Associate Professor. Dr. Chong Chun Wie Monash University, Malaysia Gut Microbiome of the Multi-Ethnic Malaysian Community
1200 – 1230	Dr. Mohd Fairulnizal Md Noh Institute for Medical Research, Malaysia The Malaysian Vascular Events Risk (MAVERIK) study – discovering biomarkers for myocardial infarction
1230 – 1300	Invited Speaker

1300 – 1400	Lunch, Exhibition & Networking, Poster Viewing Session		
	[Chairperson 3: Dr. Khairul Mohd Fadzli Mustaffa]		
1400 – 1430	Invited Speaker		
	[Chairperson 4: Dr. Ong Ming Thong]	[Chairperson 5: Dr. Daruliza Kernain Binti Mohd Azman]	[Chairperson 6: Dr. Sylvia Annabel Dass]
1430 – 1730	Oral Session 1: Diagnostic (10 mins, 5 mins Q&A) 10 delegates	Oral Session 2: Therapeutic (10 mins, 5 mins Q&A) 10 delegates	Oral Session 3: Biomarkers Discovery (10 mins, 5 mins Q&A) 10 delegates
1600-1630	Exhibition & Networking, Poster Viewing Session		
1630-1730	Oral Session 1: Diagnostic (Continued)	Oral Session 2: Therapeutic (Continued)	Oral Session 3: Biomarkers Discovery (Continued)
1530	End of Day 1		

Day 2 | 4th Oct 2024

[Chairperson 7: Assoc. Prof. Dr. Venugopal Balakrishnan]

0900 – 0945	Associate Professor Dr. Too Heng-Phon National University of Singapore, Singapore From Bench to Bedside to Business – Translating Research into Impact. A personal experience in Singapore
0945 – 1020	Associate Professor Dr. Aziah Ismail Universiti Sains Malaysia, Malaysia Biosensor of Infectious Diseases
1020 – 1050	Exhibition & Networking, Poster Viewing Session
	[Chairperson 8: Assoc. Prof. Dr. Tye Gee Jun]
1100 – 1130	Dr. Mark Skidmore Keele University, United Kingdom Therapeutic potentials of modified heparin derivatives
1130 – 1200	Dr. Catherine Hor Hong Kong Baptist University Molecular and cellular pathology of hereditary neurological and neuropsychiatric disorders

1200 – 1230	Invited Speaker		
1230 – 1300	Invited Speaker		
1300 – 1400	Lunch, Exhibition & Networking, Poster Viewing Session		
	[Chairperson 9: Dr. Chew Ai Lan]		
1400 – 1420	Invited Speaker		
	[Chairperson 10: Dr. Leow Chiu-an Heng]	[Chairperson 11: Dr. Norsyahida Binti Arifin]	[Chairperson 12: Dr. Lai Ngit Shin]
1430 – 1700	Oral Session 4: Diagnostic (10 mins, 5 mins Q&A) 10 delegates	Oral Session 5: Therapeutic (10 mins, 5 mins Q&A) 10 delegates	Oral Session 6: Biomarkers Discovery (10 mins, 5 mins Q&A) 10 delegates
1600 – 1630	Exhibition & Networking, Poster Viewing Session		
1630 – 1700	Oral Session 4: Diagnostic (Continued)	Oral Session 5: Therapeutic (Continued)	Oral Session 6: Biomarkers Discovery (Continued)
1700 – 1730	Closing Ceremony Lucky Draw Presentation of prizes to best poster and oral presenters Closing remarks by Chairperson		

This tentative program is to be updated and subject to change.

Contact

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