

PROGRAM  
**BOOK**

**MBDQ**  
**2024**

7th International Conference on  
**Molecular  
& Diagnostics  
& Biomarker  
Discovery**

Conference and Exhibition

Advancing Medical Health Technology

**3-4** OCTOBER  
2024

VENUE : INFORMM MAIN CAMPUS, USM PENANG



Institute for Research in Molecular Medicine (INFORMM)  
Universiti Sains Malaysia  
Penang, Malaysia.

# AGENDA



## Day 1, 3rd October 2024

08:00 – 08:50	Registration	
08:50 – 09:00	Associate Professor Dr. Aziah Ismail Conference Advisor, Director of INFORMM, USM <i>Welcoming Remarks</i>	
09:00 – 09:45	Professor Dr. Nor Azah Yusof Universiti Putra Malaysia, Malaysia <i>Enhancement of Biosensors Through Biomarkers, Sampling and Design</i>	<b>KEYNOTE 1</b>
09:45 – 10:20	Dr. Mohd Fairulnizal Md Noh Institute for Medical Research, Malaysia <i>The Malaysian Vascular Events Risk (MAVERIK) Study – Discovering Biomarkers for Myocardial Infarction</i>	<b>PLENARY 1</b>
10:20 – 10:30	Genomax Technologies Sdn Bhd <b>TECH-TALK 1</b>	
10:30 – 10:40	Photo Session	
10:40 – 11:00	Coffee Break and Poster Viewing	
11:00 – 11:35	Dr. Mark Skidmore Keele University, United Kingdom <i>New Technologies for the Medically Important Glycosaminoglycans</i>	<b>PLENARY 2</b>
11:35 – 12:10	Associate Professor Dr. Aziah Ismail Universiti Sains Malaysia, Malaysia <i>Advancing Typhoid Diagnostics: PCR-Lateral Flow Assays and the Emerging Role of Aptasensors</i>	<b>PLENARY 3</b>
12:10 – 12:45	Siti Hajar Yacob Medical Device Authority (MDA), Malaysia <i>How to Successfully Register Your Medical Device with MDA Malaysia</i>	<b>PLENARY 4</b>
12:45 – 13:05	Lin Chai Ping Chemopharm Sdn Bhd, Malaysia <i>Molecular Diagnostics &amp; Biomarker Discovery: Technologies and Integrative Approaches</i>	<b>TECH-TALK 2</b>
13:05 – 14:45	Lunch and Poster Viewing	
14:45 – 17:30	Oral Session 1: Diagnostic & Biomarker Discovery <b>Virtual Session</b>	Oral Session 2: Therapeutic <b>Virtual Session</b>
17:30	End of Day 1	

# AGENDA



## Day 2, 4th October 2024

9:00 – 09:45	Associate Professor Dr. Too Heng-Phon National University of Singapore, Singapore <i>“From Bench to Bedside to Business” – Translating Research into Impact: A Personal Experience in Singapore</i>	<b>KEYNOTE 2</b>
09:45 – 10:20	Dr. Catherine Hong Huan HOR Hong Kong Baptist University, Hong Kong <i>Primary Cilium: A Hub for Receptors in Virus Infection and Cellular Pathophysiology</i>	<b>PLENARY 5</b>
10:20 – 10:30	Matrioux (M) Sdn. Bhd.	<b>TECH-TALK 3</b>
10:30 – 10:50	Coffee Break and Poster Viewing	
10:50 – 12:20	Oral Session 3: Diagnostic & Biomarker Discovery <b>Virtual Session</b>	Oral Session 4: Therapeutic <b>Virtual Session</b>
12:20 – 13:00	Closing Ceremony Presentation of prizes to best poster and oral presenters Closing remarks by Chairperson	
13:00	Lunch & End of Day 2	

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## PLATINUM



### **Everlife Chemopharm Group**

Everlife-Chemopharm Group has supplied Malaysia's clinical and scientific communities with comprehensive diagnostic and scientific solutions for decades. They enable better outcomes in Health and Science by providing laboratories with the best product technologies and services.



### **IT Tech Research (M) Sdn Bhd**

IT Tech Group has been actively involved in a variety of businesses, including manufacturing, food ingredient supplies, laboratory engineering and design, trading and distribution, laboratory services and repair, educational training, and workshops. They are focused on chromatography, laboratory engineering and design, laboratory and environmental safety products, repair services and training.

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## GOLD



### **Genomax Technologies**

Genomax Technologies is founded in 2003 by a team of enterprising professional with years of experience in life science research products. Genomax Technologies' core products cover 4 major categories of applications: bioinformatics, genomics, molecular cell biology and proteomics. We have local offices in Singapore, Malaysia, and Thailand.



### **Gene Xpress PLT**

Gene Xpress PLT is a young and dynamic Malaysian-based biotechnology company incorporated in 2014 with a focus on Nucleic Acids purification systems. They aspire to produce the best quality nucleic acids systems in the market at affordable prices. Working closely with several local Malaysian research institutes, collaborators and with some technological transfers from US.



### **MATRIOUX (M) Sdn Bhd**

MATRIOUX (M) Sdn Bhd is a prominent biotechnology and life sciences solutions provider based in Kuala Lumpur, Malaysia. We are primarily engaged in offering a comprehensive biotechnology and life sciences solutions to clients across diverse industries. The company constantly pushing the boundaries of what's possible in biotechnology & lifesciences exploring new technologies and methodologies to stay ahead of the curve and deliver cutting-edge solutions.

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## SILVER



**STRAITS SCIENTIFIC  
(M) SDN BHD**

### **Straits Scientific (M) Sdn Bhd**

Straits Scientific (M) Sdn Bhd also known as “3S” was established in 1985 specializing in providing quality laboratory and research products in Malaysia. With over 31 years of experiences in diagnostics industry, it has developed itself as a partner, trusted in laboratory testing by most of the hospitals and laboratories throughout the nation.



### **DLAB Scientific Co., Ltd.**

With the vision “To become a Leading Manufacturer of General Lab Equipment” and the Mission “Excellence in Manufacturing to Serve Science”, DLAB Scientific is an established high value laboratory equipment supplier dedicated to developing and manufacturing innovative and reliable application tools with unmatched performance to enhance customer operation success and value.

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**Molecular Diagnostics**  
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