

Organised by:



Malaysian Association  
of Clinical Biochemists

Co-organised by:



Malaysian Biomedical  
Science Association

THIRD ANNOUNCEMENT

# 34<sup>th</sup> MACB CONFERENCE

IN COLLABORATION WITH

## 2<sup>nd</sup> MYBIOMED SYMPOSIUM



21 – 23 July 2024  
8 AM – 5 PM



Royale Chulan  
Kuala Lumpur, Malaysia

*Towards Holistic, Integration and Sustainability in Medical Laboratories*

### PRE-CONFERENCE WORKSHOP HIGHLIGHTS

21 JULY 2024

- Risk Management in Medical Laboratory
- Risk Assessment & Risk Management: Practical Tips for Implementation in ISO 15189(2022)
- Univariate Numerical Data Analysis with GraphPad Prisms

### CONFERENCE HIGHLIGHTS

22–23 JULY 2024

- Health White Paper & Impact to Medical Laboratories
- Green & Sustainable Medical Laboratory
- Exploring Digital Opportunities in Medical Laboratories
- Value Based Laboratory Medicine
- Newborn Screening: Current Landscape & Future Direction
- Updates in Lipid Testing
- Bone Markers and Hormones in CKD-MBD
- Advances in Molecular Diagnostics
- Natural Product Research
- Toxicology and Pharmacology
- Vaccinology

20 MAY 2024



Abstract submission deadline

20 JULY 2024



Registration deadline

### REGISTRATION & ABSTRACT SUBMISSION LINK



Please register online at:  
[www.macb.org.my/34conference](http://www.macb.org.my/34conference)

For further enquiries,  
please contact the Conference Secretariat.  
Email: [conference@macb.org.my](mailto:conference@macb.org.my)



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## INVITATION

MALAYSIAN ASSOCIATION OF CLINICAL BIOCHEMISTS (MACB) together with Malaysian Biomedical Science Association (MyBiomed) cordially invites you to its 34th MACB Conference in collaboration with 2nd MyBiomed Symposium which will take place at Royale Chulan Hotel from 21st-23rd July 2024.

International and local speakers from a wide variety of disciplines will share their expertise, providing invaluable access to the latest advancements, breakthrough technologies, and best practices in our ever-evolving field. In addition, the conference will offer ample networking opportunities for you to meet like-minded professionals, exchange ideas, and forge new collaborations.

## INSTRUCTION FOR AUTHORS

Scan QR code provided at the bottom or visit [www.macb.org.my/34conference/](http://www.macb.org.my/34conference/) for instruction details.

## WHO SHOULD ATTEND

Individuals in the field of laboratory medicine, diagnostic pathology and biomedical research are highly encouraged to attend this prestigious conference.

- Clinical biochemists
- Clinical pathologists
- Academician
- Medical laboratory scientists
- Medical laboratory technologists
- Researchers and students in related field

## CALL FOR ABSTRACT

The organising committee welcomes the submission of original papers for oral and poster presentation. Please refer to instructions to authors for abstract preparation. Do take note that submitted abstract(s) will only be processed after the author's registration form is received.

## PRE-CONFERENCE WORKSHOP REGISTRATION FEES

**MACB : RISK MANAGEMENT IN MEDICAL LABORATORY**

RM350(M) | RM400(NM)

**MYBIOMED : UNIVARIATE NUMERICAL DATA ANALYSIS WITH GRAPHPAD PRISMS**

RM100(M/S) | RM150(NM)

## CONFERENCE REGISTRATION FEES

**STUDENTS(S)**

RM500

**MEMBER(M)**

RM750

**NON-MEMBER (NM)**

RM850

**INTERNATIONAL**

USD300

## REGISTRATION & ABSTRACT SUBMISSION LINK



Please register online at:  
[www.macb.org.my/34conference](http://www.macb.org.my/34conference)

For further enquiries,  
please contact the Conference Secretariat.  
Email: [conference@macb.org.my](mailto:conference@macb.org.my)



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**REGISTER NOW**  
(DUE DATE:  
20 JULY 2024)

### PRE-CONFERENCE WORKSHOP

**21 JULY 2024** (8 AM – 5 PM)

#### TOPICS

**Risk Management in Medical Laboratory**

**Quality Control for Future with Patient  
Centric Approach**

**Risk Assessment and Management:  
Practical Tips for Implementation in ISO 15189**

**Risk Assessment and Management:  
Experience Sharing**

**Exploring Risk Management Software –  
Sharing Session**

#### SPEAKERS

**Dr. Nico Vandepoele**  
(Biorad)

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(Biorad)

**Dr. Raja Elina Raja Aziddin**  
(MACB, Malaysia)

**Dr. Ana Daliela Masiman**  
(Malaysia)

**John Yundt Pacheco**  
(Biorad)

## PRE-CONFERENCE WORKSHOP

**21 JULY 2024 (8.30 AM – 1 PM)**

# UNIVARIATE NUMERICAL DATA ANALYSIS WITH GRAPHPAD PRISMS



**21 JULY 2024 (SUNDAY)**

**8.30 AM - 1.00 PM**

**FACULTY OF HEALTH SCIENCES, UKM, JALAN RAJA  
MUDA ABDUL AZIZ, KUALA LUMPUR**

**SPEAKER :**

**ASSOC. PROF. DR WAN AMIR NIZAM WAN AHMAD (USM)**

TIME	ACTIVITIES
8:30 – 9:00 am	Registration
9:00 – 10:00 am	Data Entry
10:00 – 10:30 am	TEA BREAK
10.30 – 12.00 am	Comparing Mean (univariate numerical data analysis)
12:00 – 1:00 pm	Ordinary 2-way and 2- way repeated measure ANOVA
1:00 pm	LUNCH

**FEE:**

**MYBIOMED MEMBER & STUDENTS:  
RM100**

**NON MYBIOMED MEMBER: RM150**

**REGISTER NOW  
(DUE DATE: 1 JULY 2024)**

**[bit.ly/graphpad24](https://bit.ly/graphpad24)**



*Limited to  
40 seats!*

**Further inquiry :**  
**[mybiomed16@gmail.com](mailto:mybiomed16@gmail.com)**



## CONFERENCE DAY 1 (22 JULY 2024)

### **KEYNOTE LECTURE**

#### **Health White Paper and Impact to Medical Laboratories**

Dr. Ami Fazlin Syed Mohamed (Malaysia)

### **SYMPOSIUM 1:**

#### **General Chemical Pathology**

##### **Green and Sustainable Medical Laboratories**

Dr. Lia G. Partakusuma (Indonesia)

##### **Updates in Lipid Testing**

Speaker: AP Dr. Thuhairah Hasrah  
Abdul Rahman (Malaysia)

### **SYMPOSIUM 3:**

#### **Value Based Laboratory Medicine**

##### **Value Driven Outcome**

Dr. Saira Bahnu Mohammed Yusoff  
(Malaysia)

##### **Early Detection of Metabolic- Dysfunction Associated Steatotic Liver Disease using FIB-4**

Ms. Low Yoke Lee (Malaysia)

##### **Use of FIB4 in Primary Care Setting**

Dr. See Kum Foong (Malaysia)

##### **Dietary Intervention for Fatty Liver**

Ms. Sharifah Hasanah Adelia  
(Malaysia)

### **SYMPOSIUM 2:**

#### **Molecular Diagnostics**

##### **Trends in Molecular Medicine**

Prof. Dr. Leong Chee-Onn  
(AGTC Genomics, Malaysia)

##### **Advances in Molecular Diagnostics**

Prof. Cheah Yoke Kqueen (Malaysia)

### **SYMPOSIUM 4:**

#### **Vaccinology**

##### **Vaccine Development: Challenges and Solutions**

Dato' Dr. Mohd Nazlee Kamal  
(Solution Group BHD, Malaysia)

##### **Enhancing Healthy Aging Through Life Course Immunization Advocacy**

Prof. Zamberi Sekawi (Malaysia)

##### **Avian Flu Fighters: Vaccine Development and Way Forward**

AP Dr. Mariatulqabtiah Abdul Razak  
(Malaysia)

## CONFERENCE DAY 2 (23 JULY 2024)

### PLENARY TALKS

#### **Bone Markers and Hormones in CKD-MBD**

Prof. Dr. Samuel Vasikaran (Australia)

#### **One-World One-Health: from Parasite to Sustainable Medical Research**

AP Dr. Veeranoot Nissapatorn (Thailand)

### SYMPOSIUM 5:

#### **Paediatrics Chemical Pathology**

##### **Biochemical Tests in Rare Disease – with Cases Illustration**

Dr. Anasufiza Habib (Malaysia)

##### **Newborn Screening – Current Landscape and Future Directions**

Dr. James Lim (Singapore)

##### **CAH Newborn Screening: Experience Sharing**

Dr. James Lim (Singapore)

### SYMPOSIUM 7:

#### **Digital Technology**

##### **Evaluating Laboratory Information Systems Effectiveness and Error from the Socio-technical and Lean Perspectives.**

AP Dr. Maryati Mohd Yusof  
(Malaysia)

##### **Exploring Digital Opportunities in Medical Laboratories**

Dr. Mohd Jamsani Mat Salleh  
(Malaysia)

### SYMPOSIUM 6:

#### **Natural Product Research**

##### **Standardisation of Herbal Medicine**

Dr. Maizatul Hasyima Omar (Malaysia)

##### **Herbs and Metabolic Disease**

Prof Dr. Umah Rani (Malaysia)

##### **Antimicrobial Resistance: Biodiversity and Therapeutic Potential of Malaysian Medicinal Plants**

Prof. Dr. Mogana Sundari A/P  
Rajagopal (Malaysia)

### SYMPOSIUM 8:

#### **Toxicology & Pharmacology**

##### **The Use of Laboratory Animals and Animal Welfare Act 2015**

Prof. Dr. Ahmad Rohi Ghazali  
(Malaysia)

##### **Plastic Pollution: The Hidden Costs of Convenience**

AP Dr. Kok Yih Yih (Malaysia)