

Organised by:

Malaysian Association
of Clinical Biochemists

Co-organised by:

Malaysian Biomedical
Science Association

34th MACB CONFERENCE

IN COLLABORATION WITH

2nd 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

For further enquiries,
please contact the Conference Secretariat.
Email: 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/ 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



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Royale Chulan, Kuala Lumpur, Malaysia

Towards Holistic, Integration and Sustainability in Medical Laboratories



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)

Dr. Nico Vandepoele
(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



Limited to
40 seats!

Further inquiry :
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

Speaker: TBC

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)