

34th MACB-MYBIOMED Annual Scientific Conference 2024

Towards Holistic, Integration and Sustainability in Medical Laboratories

MACB PRE-CONFERENCE WORKSHOP:

“Risk Management in Medical Laboratory”

VENUE: TAMING SARI 3, ROYALE CHULAN HOTEL

21 JULY 2024	PROGRAMME Emcee: DR NUR AISHAH SHARUDIN
8.30 - 9.00 am	Registration
9.00 – 9.45 am	Risk Management in Medical Laboratory Speaker: Nico Vandepoele
9.45 - 10.00 am	Q & A
10.00 - 10:15 am	TEA BREAK
10.15 - 11.00 am	Quality Control for Future with a Patient-Centric Approach Speaker: John Yundt Pacheco
11:00 - 11:15 pm	Q & A
11.15 - 12.15 pm	Risk Assessment and Management: Practical Tips for Implementation in ISO 15189 Speaker: Dr. Raja Elina Raja Aziddin
12.15 -12.30 pm	Q & A
12:30 - 2:00 pm	LUNCH BREAK & NETWORKING
2:00 – 3:00 pm	Challenges in the Implementation of Risk Management: An Experience Sharing Speaker: Dr. Ana Daliela Masiman
3.00 - 3.15 pm	Q & A
3:15 – 4.00 pm	Exploring Risk Management Software – Sharing Session Speaker: John Yundt Pacheco
4.00 – 4.15 pm	CLOSING End of Pre-Conference Workshop

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MYBIOMED PRE-CONFERENCE WORKSHOP:

“Univariate Numerical Data Analysis with GraphPad Prisms”

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

21 JULY 2024	PROGRAMME
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
12:00 - 1:00 pm	Ordinary 2-way and 2-way repeated measure ANOVA
1:00 pm	LUNCH

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CONFERENCE PROGRAMME

EMCEE:	DR NUR AISHAH SHARUDIN AP DR LIM CHOOI LING	
DAY 1: 22 July 2024	PROGRAMME	
8:00 - 8:45 am	Registration	
8:45 – 9:00	Arrival Guest of Honors (VENUE: TAMING SARI)	
9:00 - 9:30 am	Opening Ceremony by Dr Ami Fazlin Syed Mohammad (IMR Director) Photo Session	
KEYNOTE LECTURE (VENUE: TAMING SARI)		
9:30 - 10:00 am	KEYNOTE LECTURE: HEALTH WHITE PAPER AND IMPACT ON MEDICAL LABORATORIES Dr. Ami Fazlin Syed Mohamed (IMR) Chairperson: Dr. Nurulamin bin Abu Bakar	
10:00 - 10:30 am	TEA BREAK Booth and Poster Visit	
CONCURRENT SYMPOSIUM		
	VENUE: TAMING SARI	VENUE: TUN SRI LANANG
	SYMPOSIUM 1 Title: General Chemical Pathology Chairperson: Dr. Nordiana Rosli	SYMPOSIUM 2 Title: Molecular Diagnostics Chairperson: Prof Dr Nor Fadilah Rajab
10:30 - 11:00 am	Topic: Green and Sustainable Medical Laboratories Speaker: Dr. Lia G. Partakusuma (Indonesia)	Topic: Trends in Molecular Medicine Speaker: Prof Dr Leong Chee-Onn (AGTC Genomics)

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11:00 - 11:30 am	Topic: Updates in Lipid Testing Speaker: Asso Prof. Dr. Thuhairah Hasrah Abdul Rahman (UiTM, Malaysia)	Topic: Advances in Molecular Diagnostics Speaker: Prof Cheah Yoke Kqueen (UPM)
11:30 -12:30 pm	MACB YOUNG SCIENTIST AWARD Chairperson: Mdm Chuo Peck Ham	MYBIOMED YOUNG SCIENTIST AWARD (4 SLOTS) Chair: Dr Farah Wahida Ibrahim
INDUSTRIAL TALK 1		
12.30 - 1.00 pm	INDUSTRIAL TALK: SNIBE Topic: “Managing Laboratory Data and Health Promotion” Speaker: Prof Dr.João Ponciano	INDUSTRIAL TALK: STRAITS SCIENTIFIC Topic: Blood Gas Quality Achievement with IQM and GEMweb Plus Speaker: Supreeya Wongbangchud
1.00 - 2:00 pm	LUNCH BREAK Booth and Poster Visit (Digital)	
SCIENTIFIC PRESENTATION		
	VENUE: TAMING SARI	VENUE: TUN SRI LANANG
2:00 - 3:00 pm ** Total oral: 10 presentations	Oral Presentation (4 presentations) Chairperson: Mdm Nur Nadiah Yusoff (Venue: Taming Sari) ** Concurrent posters presentation PIC: Dr Seri Narti (Venue: Pre-function area)	Oral Presentation (4 presentations) Chairperson: Ms Adela Jiram (Venue: Tun Sri Lanang) ** Concurrent posters presentation PIC: Dr Najmi (Venue: Pre-function area)
CONCURRENT SYMPOSIUM		

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	SYMPOSIUM 3 Title: Value-Based Laboratory Medicine Chairperson: Mr. Hareeff Muhammad	SYMPOSIUM 4 Title: Vaccinology Chairperson: Dr Mohd Arifin Kaderi
3:00 - 3:30 pm	Topic 1: Value-Driven Outcome Speaker: Dr. Saira Bahnu Mohammed Yusoff (Malaysia) Topic 2: Beyond The Basics-Boosting LFT Value by FIB-4 Speaker: Ms Low Yoke Lee (Malaysia)	Topic: Vaccine development: challenges and solutions Speaker: Dato Dr Mohd Nazlee Kamal (Deputy Managing Director, Solution Group BHD)
3:30 - 4:00 pm	Topic 3: Utilizing the FIB-4 Score in General Practice; Enhancing Early Detection of Liver Fibrosis Speaker: Dr. See Kum Foong (Malaysia)	Topic: Enhancing Healthy Aging Through Life Course Immunization Advocacy Speaker: Prof Zamberi Sekawi (UPM)
4:00 - 4:30 pm	Topic 4: Navigating Fatty Liver: Exploring Dietary Interventions Non-alcoholic Fatty Liver Disease Speaker: Ms. Sharifah Hasanah Adelia (Malaysia)	Topic: Avian Flu Fighters: Vaccine Development and Way Forward Speaker: AP Dr Mariatulqabtiah Abdul Razak (UPM)
4.30 – 5.30 pm	MACB AGM	MYBIOMED AGM
5.30 pm	TEA BREAK End of Day 1	

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Day 2: 23 July 2024	PROGRAMME	
8:00 - 8:30 am	Registration	
PLENARY LECTURES (VENUE: TAMING SARI)		
8:30 - 9:15 am	Plenary Lecture 1: Topic: Bone Markers and Hormones in CKD-MBD Speaker: Prof Dr Samuel Vasikaran (Australia) Chairperson: Dr. Nur Shafini Che Rahim	
9:15 - 10:00 am	Plenary Lecture 2: Title: One-World One-Health: from Parasite to Sustainable Medical Research Speaker: Associate Professor Dr Veeranoot Nissapatorn School of Allied Health Sciences, Walailak University World Union for Herbal Drug Discovery (WUHeDD) Lead Chairperson: AP Dr Lim Chooi Ling	
10.00 - 10.30 am	Plenary Lecture 3: Topic: Updates in MACB CKD Recommendations (MACB CKD Task Force) Speaker: Prof Dr. Pavai Staneshwar (UMMC, Malaysia) Chairperson: Dr. Hafizah Abdullah	
10:30 -11.00 am	TEA BREAK Booth and Poster Visit (Digital)	
CONCURRENT SYMPOSIUM		
	VENUE: TAMING SARI	VENUE: TUN SRI LANANG
	SYMPOSIUM 5 Title: Paediatrics Chemical Pathology Chairperson: Dr. Lina Wati Durani	SYMPOSIUM 6 Title: Natural Product Research Chairperson: AP Dr Suvik Assaw

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11.00 – 11.30 am	<p>Topic: Biochemical Tests in Rare Genetic Disease – with Cases Illustration Speaker: Dr. Anasufiza Habib (IMR, Malaysia)</p>	<p>Topic: Standardisation of Herbal Medicine Speaker: Dr Maizatul Hasyima Omar (IMR)</p>
11.30 – 12.00 pm	<p>Topic: CAH Newborn Screening: Experience Sharing Speaker: Dr. James Lim (Singapore)</p>	<p>Topic: Herbs and Metabolic Disease Speaker: Prof Umah Rani (UM)</p>
12.00 – 12.30 pm	<p>Topic: Newborn Screening – Current Landscape and Future Directions Speaker: Dr. James Lim (Singapore)</p>	<p>Topic: Antimicrobial Resistance (AMR): Biodiversity and Therapeutic Potential of Malaysian Medicinal Plants Speaker: Professor Dr Mogana Sundari A/P Rajagopal (UCSI)</p>
INDUSTRIAL TALK 2		
12.30 – 1.00 pm	<p align="center">INDUSTRIAL TALK: SIEMENS HEALTHINEERS</p> <p>Topic: Erythropoietin Assay: a valuable aid in the diagnosis of Anemias and Polycythemias Speaker: Ms Aya Tan (Assay and Clinical Marketing Manager, Laboratory Solutions, Siemens Healthineers)</p>	<p align="center">INDUSTRIAL TALK: SYSMEX MALAYSIA</p> <p>Topic: The True Picture of Urinalysis: Achieving Quality Urinalysis Workflow and Applying Best Practices Speaker: Prof Dr Pavai Staneshwar (UMMC, Malaysia)</p>
1.00 – 2.15 pm	<p>LUNCH BREAK Booth and Poster Visit (Digital)</p>	
CONCURRENT SYMPOSIUM		

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	SYMPOSIUM 7 Title: Digital Technology Chairperson: Mr Abdullah Fahim	SYMPOSIUM 8 Title: Toxicology & Pharmacology Chairperson: Dr Siti Fathiah Masre
2.15 -2.45 PM	<p>Topic: Evaluating laboratory information systems effectiveness and error from the socio-technical and Lean perspectives.</p> <p>Speaker: Assoc Prof. Dr. Maryati Mohd Yusof (UKM, Malaysia)</p>	<p>Topic: The Use of Laboratory Animals and Animal Welfare Act 2015</p> <p>Speaker: Prof Dr Ahmad Rohi Ghazali (UKM)</p>
2.45 -3.15 PM	<p>Topic: Exploring Digital Opportunities in Medical Laboratories</p> <p>Speaker: Dr. Mohd Jamsani Mat Salleh (Malaysia)</p>	<p>Topic: Plastic Pollution: The Hidden Costs of Convenience</p> <p>Speaker: AP Dr Kok Yih Yih (IMU)</p>
3.15 – 3.45 pm	<p>Topic: Robotics and Automation in the Laboratory Medicine</p> <p>Speaker: Dr. Ashlin Rampul (IFCC)</p>	
3.45 – 4.30 pm	<p>AWARD PRESENTATION (VENUE: TAMING SARI)</p> <p>Handover Ceremony Closing Ceremony Photo Sessions End of Conference</p>	