

# 33<sup>rd</sup> MACB Annual Scientific Conference 2023

## PRE-CONFERENCE WORKSHOP PROGRAM

### IFCC - C-CLM - MACB Workshop on Benchmarking Quality Performance in the Clinical Laboratory

4th September 2023	Program
8:00 - 8:50 am	Registration
8:50 - 9:00am	Workshop briefing and moderator - Dr Raja Elina Raja Aziddin
9:00 - 9:45 am	Analytical Quality Goal Specification A/P Dr Prasenjit Mitra, India IFCC C-CLM
9:45 - 10:45 am	Experience sharing on Analytical Quality Goal Application Pn Rozita binti Abdullah (Hospital Sungai Buloh, Malaysia)  Discussion A/P Dr Prasenjit Mitra, India IFCC C-CLM
10:45 - 11:15 am	BREAK
11:15 - 12:00	Moving Average: Impact of Implementing patient-based quality control.  A/P Dr Mahesheema Ali, USA IFCC C-CLM
12:00 - 1:00 pm	Experience sharing on the implementation of patient-based QC i) Dr Mohd Jamsani bin Mat Salleh (Hospital Seberang Jaya, Malaysia) ii) Dr Ana Daliela binti Masiman (Hospital Melaka, Malaysia)  Discussion A/P Dr Mahesheema Ali, USA IFCC C-CLM
1:00 - 2:30	Lunch Break

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2:30 - 3:15 pm	Concept And Framework of Auto Verification. Dr Merve Sibel Güngören, Turkey IFCC C-CLM
3:15 - 4:15 pm	Experience sharing on the implementation of auto verification  i) Dr Mohd Jamsani bin Mat Salleh (Hospital Seberang Jaya, Malaysia) ii) Dr Munirah bt Md Mansor (Hospital Canselor Tuanku Muhriz, Malaysia)  Discussion Dr Merve Sibel Güngören, Turkey IFCC C-CLM
4:30 PM	End of Pre-Conference Workshop

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## CONFERENCE PROGRAM

5th September 2023, Day 1	Program
7:45 - 8:30 am	Registration
8:30 - 9:20 am	Opening Ceremony a) Minister of Health Malaysia b) MACB President c) 33rd MACB Conference Chairman  <b>MACB Long Service Recognition Award</b>
<b>LECTURE 1</b>	
9:20 - 10:00 am	The Value of Thyroid Antibody Testing  Prof Aw Tar Choon (Changi General Hospital, Singapore)
10:00 - 10:30 am	<b>BREAK - Booth /Poster Visit</b>
<b>SYMPOSIUM 1: IFCC C-CLM Symposium on Innovative Solutions in Laboratory Medicine</b>	
10:30 - 11:00 am	Strategic Innovation in Laboratory Medicine  A/P Dr Mahesheema Ali, USA IFCC C-CLM
11:00 - 11:30 am	Digital Transformation Strategies in Clinical Laboratories  Dr Merve Sibel Güngören, Turkey IFCC C-CLM
11:30 - 12:00 pm	Artificial Intelligence in Laboratory Medicine  A/P Dr Prasenjit Mitra, India IFCC C-CLM
12:00 - 12:15 pm	Q & A
<b>INDUSTRIAL LECTURE 1</b>	
12:15 - 12:45 pm	Translation of mass spectrometry-based assay into routine clinical service.  Dr Daryl Hee Kim Hor (Changi General Hospital, Singapore)

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12:50 - 2:00 pm	<i>Lunch Break - Booth and Poster Visit</i>
<b>SYMPOSIUM 2: Chronic Kidney Disease</b>	
2:00 - 2:30 pm	<p>Role of the laboratory in the diagnosis &amp; management of Chronic Kidney Disease (CKD)</p> <p>Prof Graham Jones (University of New South Wales Sydney, Australia)</p>
2:30 - 3:00 pm	<p>Beta-Trace Protein (BTP) as a potential biomarker for patients on hemodialysis.</p> <p>A/P Dr Lim Soo Kun (University Malaya Medical Centre, Malaysia)</p>
3:00 - 3:30 pm	<p>Update on eGFR status in Malaysia.</p> <p>A/P Dr Pavai Sthaneswar (University Malaya Medical Centre, Malaysia)</p>
3:30 - 3:45 pm	Q & A
<b>ORAL PRESENTATION &amp; YOUNG SCIENTIST AWARD</b>	
3:45 - 5:45 pm	<p>A) Young Scientist Award</p> <p>B) Oral Presentation</p>
5:45 – 6:00 PM	<b>TEA &amp; END of DAY 1</b>

<b>6th September 2023, Day 2</b>	<b>Program</b>
8:00 - 8:30 am	<b>Registration</b>
<b>INDUSTRIAL LECTURE 2</b>	
8:30 - 9:10 am	<p>ISO 15189 2022 and Laboratory Quality-what's new and what's not.</p> <p>Professor Sten Westgard Director of Client Services and Technology for Westgard QC, USA</p>

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SYMPOSIUM 3: Liver Disease	
9:10 - 9:40 am	Identifying Patients With More Severe Metabolic Dysfunction Associated Fatty Liver Disease  Prof Chan Wah Keong (University Malaya Medical Centre, Malaysia)
9:40 - 10:10 am	Role of laboratory in facilitating liver transplant  Dr Tengku Norita Tengku Yazid (Selayang Hospital, Malaysia)
10:10 - 10:20 am	Q & A
10:20 - 10:50 am	<b><i>BREAK - Booth /Poster Visit</i></b>
SYMPOSIUM 4: Update on Troponin I	
10:50 - 11:10 am	Validation of hs-Troponin I Rule In/Out Algorithm in Emergency Department  Dr Laurent Samson, Associate Director of Siemens Global Marketing
11:10 - 11:30 am	hs-Troponin I in UMMC - What's Next?  Dr Farhi Ain Jamaluddin (University Malaya Medical Centre, Malaysia)
11:30 - 12:00 pm	hs-Troponin I in Chronic Kidney Disease and Dialysis Patients  A/P Dr Alexander Loch (University Malaya Medical Centre, Malaysia)
12:00 - 12:15 pm	Q & A
LECTURE 2	
12:15 - 1:00 pm	Implementing Patient Based Real Time QC: Analytical Tools Making It Easier To Get Started.  Vincent Chiera Head of Digitalization, Asia Pacific and Japan (Siemens)
1:00 - 2:00 pm	<b><i>Lunch Break - Booth and Poster Visit</i></b>
LECTURE 3	

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2:00 – 2:40 pm	Data-science perspective on methodologies for determination of reference intervals  Prof Kiyoshi Ichihara (Japan)
<b>SYMPOSIUM 5: Update on Endocrinology</b>	
2:40 – 3:10 pm	Updates on Diabetes  Dr Leslie Charles Lai Chin Loy (Gleneagles Hospital Kuala Lumpur, Malaysia)
3:10 – 3:40 pm	Interpretative challenges in Endocrine Testing  A/ P Dr Aletza binti Mohd Ismail (Universiti Teknologi Mara, Malaysia)
3:40 - 4:10 pm	Updates on Bone Turnover Markers in Osteoporosis  A/P Dr Subashini C.Thambiah (Universiti Putra Malaysia, Malaysia)
4:10 -4:25 pm	Q & A
4:25 - 5:30pm	<b>Award Presentation and Closing Ceremony Photo Sessions END OF DAY 2</b>