

**PAYMENT DETAILS**

I hereby enclose the full payment for my participation:

RM/USD .....

Cash of RM/USD: .....Cheque No.....

Bank Draft No.: .....LPO : .....

Name: .....

Date : ..... Signature : .....

**Payment should be made to:** ‘Malaysian Association of Clinical Biochemists’ or ‘Persatuan Ahli Biokimia Klinikal Malaysia’.

**Please address LPO to:** Malaysian Association of Clinical Biochemists, Drug and Research Laboratory, Department of Pathology, Hospital Kuala Lumpur, Jalan Pahang, 50588 Kuala Lumpur.

**Bank:** Standard Chartered, Jln Ipoh, Kuala Lumpur. **Account No:** 873194844798. **SWIFT CODE** SCBLMYKXXXX

Please fax or email the completed registration form and proof of payment before **12<sup>th</sup> September 2016** to Pantai Premier Pathology at 03-4296 5901(fax) or [adam.hathseybronson@pantai.com.my](mailto:adam.hathseybronson@pantai.com.my)

Late registration will not be accepted.

**For enquiries on registration**, please contact: Mr. Adam Hathsey Bronson: +603- 4297 9911 | +612-215 3712 or email: [adam.hathseybronson@pantai.com.my](mailto:adam.hathseybronson@pantai.com.my)

**For enquiries on the course**, contact MACB Secretary at [MACB\\_secretary@yahoo.com](mailto:MACB_secretary@yahoo.com)

**FOR OFFICIAL USE ONLY:**

Date received: .....

Comments: .....

Type of payment: .....

**APFCB-MACB CHEMICAL PATHOLOGY COURSE 2016**

**APPLICATION FORM**

**PARTICIPANT’S DETAILS**

Participant’s Name: .....

Title (Ms/Mr/Dr/Prof etc): .....

I.C. No : .....

MACB Member. Membership number .....

Non-member

Position/Designation:.....

Employer.....

Email Address: .....

Mobile Phone No:.....

Office Phone No: ..... Fax No: .....

Dietary options:  Vegetarian  Non-vegetarian

Contact person, company name and phone number of sponsor. (Please submit payment before the event to avoid cancellation of your registration):  
.....

**Registration Fees:**

**MACB Members – RM 500**

**Non-members – RM 700**

**International Participants - USD 200**

**Closing date: 12<sup>th</sup> September 2016**

Please note that fees do not include accommodation. Some nearby hotels are:

Grand Seasons ([www.grandseasons.com](http://www.grandseasons.com)) or Vistana Hotel ([www.vistanahotels.com/KualaLumpur/titiwangsa/](http://www.vistanahotels.com/KualaLumpur/titiwangsa/))



# APFCB-MACB CHEMICAL PATHOLOGY COURSE 2016



**Date : 19th-21st September 2016**

**Time : 8.30 am to 5.00 pm**

**Venue : Grand Seasons Hotel,**

**Jalan Pahang, Kuala Lumpur**

The APFCB-MACB Chemical Pathology Course is an intermediary course in Clinical Biochemistry that is jointly organised by the APFCB and MACB. The objective of the course is to provide updates of knowledge for clinical laboratory personnel. The 3-day course will consist of lectures and case studies. Dr Tony Badrick, the Chair of the APFCB Committee for Education and Laboratory Management is the Course Coordinator and the person in-charge of the teaching programme. The course is suitable for pathologists, laboratory scientists, technologists, students, etc. working in the field of Clinical Biochemistry. Lectures will be provided by speakers who have vast experience in the field. At the end of the course, participants will receive a certificate of attendance.

**Tony Badrick**, B. App Sc, BSc, BA, M Lit St (Math), MBA, PhD(QUT), PhD(UQ), FAIMS, FAACB, FACB, FAIM, Member Aust Maths Soc, FRCPA (Hon), FFSc (RCPA). He was Associate Professor, Faculty of Health Sciences and Medicine at Bond University for 4 years before becoming the CEO of the RCPAQAP in 2015. In the twenty one years from 1990, he was Manager of the Biochemistry Department and then Laboratory Manager at Sullivan Nicolaidis Pathology, Brisbane. Between 1973 and 1990, he worked at the Biochemistry Department of the Princess Alexandra Hospital, Brisbane.

He was President of the Australasian Association of Clinical Biochemists (2003-2007), is Chair of the Education and Laboratory Management Committee of the Asian Pacific Federation of Clinical Biochemistry, Vice President of the Australian Institute of Medical Scientists and currently the deputy Chief Examiner and Chair of the Faculty of Science of the Royal College of Pathologists of Australasia.

**Dr. Louise Wienholt** is Immunology Program Manager and Business Development Officer at the Royal College of Pathologists of Australasia Quality Assurance Programs (RCPAQAP) and a Lecturer at the Sydney Medical School, University of Sydney. She has a Bachelor of Biomedical Science, a Master's of Science in Medicine specialising in coeliac disease, a Doctorate of Business Administration focusing on quality in diagnostic pathology testing and is a Fellow of the Faculty of Science of the Royal College of Pathologist of Australasia in the discipline of Immunopathology

**Dr. Loh Tze Ping** is from Penang, Malaysia. He now works as a consultant Chemical Pathologist at the National University Hospital, Singapore. He teaches various topics related to Chemical Pathology/Laboratory Medicine to polytechnic students, undergraduate medical students and postgraduate trainees. In this course, he will be discussing the clinical utility of laboratory tests related to the thyroid, cortisol, gestational diabetes, as well as paediatric biochemistry and pharmacogenetics.

**Raja Dr. Elina Aziddin**, BSc (Hons) Biochemistry, PhD Medical Sciences. Dr. Elina is a senior Biochemist and Head of the Drug and Research Laboratory in Hospital Kuala Lumpur. She is a member of the technical committee in the development of 'Standards For the Accreditation of Controlled Substances Forensic Science Testing Laboratories, review committee for 'MS ISO 15189 Specific Technical Requirements for Chemical Pathology', member of the National Committee on 'Method Standardization', President of MACB and member of the APFCB Scientific Committee.

## Program

Time	Session – Monday 19/09/2016	Speaker
08.45 - 09.00	Welcome and overview	MACB President
09.00 - 09.30	Quality Control	Tony Badrick
09.30 - 10.00	Interpreting External Quality Assurance	Louise Wienholt
10.00 - 10.30	Thyroid disease and TFT	Tze Ping Loh
<b>10.30 - 11.00</b>	<b>Tea Break</b>	
11.00 - 11.30	Glucose measurements in pregnancy. Why are these important and what has changed.	Tze Ping Loh
11.30 - 12.00	Paediatric Biochemistry: Trends and Physiology	Tze Ping Loh
12.00 - 13.00	Cushing syndrome and diagnosis	Tze Ping Loh
<b>13.00 - 14.00</b>	<b>Lunch</b>	
14.00 - 14.30	Why are therapeutic drugs ineffective in some people and toxic in others?	Tze Ping Loh
14.30 - 14.50	Ion selective electrodes	Tony Badrick
14.50 - 15.35	Serology Update	Louise Wienholt
<b>15.35 - 16.00</b>	<b>Tea Break</b>	
16.00 - 16.30	Measurement and estimation of GFR. Why do we do it and what problems arise?	Tony Badrick
16.30 - 17.00	Measurement of immunoglobulins and serum free light chains	Louise Wienholt
Time	Session – Tuesday 20/09/16	Speaker
09.00 - 09.30	Biochemical testing in acute and chronic kidney failure.	Tony Badrick
09.30 - 10.15	Principles of immunoassay	Tony Badrick
10.15 - 10.45	Coeliac Disease and other autoimmune conditions	Louise Wienholt
<b>10.45 - 11.15</b>	<b>Tea Break</b>	
11.15 - 12.00	Blood gases	Tony Badrick
12.00 - 12.30	Pre-analytical factors	Tony Badrick
12.30 - 13.00	Diagnosis of Diabetes Mellitus	Louise Wienholt
<b>13.00 - 14.00</b>	<b>Lunch</b>	
14.00 - 15.20	Case studies: Cases 1, 2, 3	
<b>15.20 - 15.40</b>	<b>Tea Break</b>	
15.40 - 17.00	Case studies: Cases 4, 5, 6	
Time	Session – Wednesday 21/09/16	Speaker
09.00 - 09.30	Drugs of abuse – comparison of GC and LCMSMS.	Raja Elina
10.00 - 10.30	Specific Proteins of Diagnostic Interest	Louise Wienholt
<b>10.30 - 11.00</b>	<b>Tea Break</b>	
11.00 - 11.30	Spectrophotometry	Tony Badrick
11.30 - 12.00	Protein electrophoresis: measurement and interpretation.	Louise Wienholt
	<b>End of course</b>	