CONGRESS PROGRAMME (TENTATIVE)

Tuesday, 1 October 2013

16:00 – 18:00  AAMLS Board of Directors’ (BODs) Meeting

18:00 – 20:00  AAMLS BODs’ Dinner

Wednesday, 2 October 2013

08:30 – 10:30:  Opening Ceremony

11:00 – 16:30:  Laboratory Management

• *Considerations for Laboratory Workflow Excellence*
  A/Prof Sunil SETHI
  Department of Laboratory Medicine, National University Hospital, Singapore

• *The Use of Ancillary Investigations in Forensic Medicine*
  A/Prof Cuthbert TEO Eng Swee
  Forensic Medicine Operations, Health Sciences Authority, Singapore

• *The Next Frontier for Laboratories – Going Green*
  Prof Joseph LOPEZ
  Department of Biomedical Sciences, Faculty of Allied Health Sciences, MAHSA University Malaysia
• The Reality of Emerging Technologies & Challenges for Asian Laboratories
Prof AW Tar Choon
Department of Pathology & Laboratory Medicine, Changi General Hospital, Singapore

• How to Manage a Good POCT Program
Dr Leslie LAM Choon Weng
Laboratory Medicine, Alexandra Hospital, Singapore

• Changes in Laboratory Profile and Performance Through EQA in Indonesia
Dr Ina S TIMAN
Department of Clinical Pathology, Faculty of Medicine, University of Indonesia, Indonesia

• The Management of Hong Kong Medical Laboratory Industry
Mr TSIM Yiu Lam
Hong Kong Institute of Medical Laboratory Sciences (HKIMLS), Hong Kong

• Laboratory Automation for Autoimmune and Infectious Diseases Diagnostics by Use of Alegria
Mr SCHMIDT Stefan
Orgentec Diagnostika GmbH, Germany

17:00 – 19:00: AAMLS General Meeting of Representatives (GMRs)

Thursday, 3 October 2013

08:30 – 13:00: Microbiology/Molecular

• The Challenge of Clinical Virology in Emerging and Re-emerging Viral Infectious Diseases
Prof KAO Chuan-Liang
Taiwan Association of Medical Technologists (TAMT), Taiwan

• Challenges in Implementing the Use of Next-Generation Sequencing in Clinical Microbiology
A/Prof Evelyn KOAY
Director, Molecular Diagnosis Centre, Department of Laboratory Medicine, National University Hospital, Singapore

• New Antibiotic Resistance in Gram Negative Bacteria and Implications for Testing
Dr Jeanette TEO
HSDP Virology Laboratory, National University Hospital, Singapore

• Development of Point of Care Diagnostics for Dengue Infections
Dr TAN Eng Lee
School of Chemical & Life Sciences, Singapore Polytechnic, Singapore

• Recent Updates in Molecular Diagnosis in Microbiology
Dr Lynette OON Lin Ean
Department of Pathology, Singapore General Hospital, Singapore

• Mycology: Overview of New and Old Diagnostic Methods
Ms Janet CHENG
Department of Laboratory Medicine, National University Hospital, Singapore
• **Respiratory Virus Diagnostics in Children: The KKH Experience**  
Mr LOO Liat Hui  
Department of Pathology & Laboratory Medicine, KK Women’s & Children’s Hospital, Singapore

• **The NTU BSL-3 Facility in Singapore: Its Journey and Challenges**  
Mr Tin TUN  
School of Biological Sciences, Nanyang Technological University, Singapore

**14:00 – 16:30: Clinical Chemistry**

• **Early Detection of Acute Kidney Injury - A New Challenge for the Laboratory**  
Dr Robert HAWKINS  
Department of Laboratory Medicine, Tan Tock Seng Hospital, Singapore

• **Developing an Accuracy-Based Proficiency Testing Programme in Clinical Chemistry**  
Dr LEE Tong Kooi  
Division Director, Chemical Metrology Laboratory, Chemical Metrology Division, Health Sciences Authority, Singapore

• **High-Sensitivity Troponins – New Opportunities**  
Prof AW Tar Choon  
Department of Pathology & Laboratory Medicine, Changi General Hospital, Singapore

• **Measurement of Triglycerides and Total Glycerides in Human Serum by Gas Chromatography-Isotope Dilution Mass Spectrometry**  
Dr CHEN Yizhao  
Chemical Metrology Laboratory, Health Sciences Authority, Singapore

• **Analysis of Autoimmune Disease Diagnostic Assay Database**  
Ms CHENG Yung-Tzu  
Department of Laboratory Medicine, Cathay General Hospital, Taipei City, Taiwan

• **Establishing the Metrological Traceability of Glycated Haemoglobin (HbA1c) Measurement**  
Dr WONG Lingkai  
Chemical Metrology Laboratory, Health Sciences Authority, Singapore

**17:00 – 18:30: AAMLS Forum**

• **The Registration of Medical Laboratory Technologists in Hong Kong**  
Mr TSIM Yiu Lam  
Hong Kong Institute of Medical Laboratory Sciences (HKIMLS), Hong Kong

• **Competency Certification: The Indonesian National Program**  
Drs Endang HOYARANDA  
Persatuan Ahli Technologi Laboratorium Kesehatan Indonesia (PATELKI), Indonesia

• **Certification for Med Tech Competency: Malaysia Setting**  
Ms Faridah Robiah ISMAIL  
Malaysian Institute for Medical Laboratory Sciences, Malaysia

• **Licensing and Certification of Medical Technologists in the Philippines**  
Dr Leila FLORENTO  
Philippines Association of Medical Technologists (PAMET), Philippines
• **Registration of Healthcare Professionals: A Singapore Perspective**  
Dr Eddie ANG Han San  
Singapore Association for Medical Laboratory Sciences (SAMLS), Singapore

• **Licensing and Certification of Medical Technologists in Taiwan**  
Mr James CHANG  
Taiwan Association of Medical Technologists (TAMT), Taiwan

• **Competency-based Personnel Certification**  
Prof Rachana SANTIYANONT  
Association of Medical Technologists of Thailand (AMTT), Thailand

19:00 – 21:30:  GALA Night

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**Friday, 4 October 2013**

**08:30 – 13:00:  Haematology/Transfusion Medicine**

• **Cell Therapy Laboratories**  
A/Prof William HWANG Ying Khee  
Department of Haematology, Singapore General Hospital, Singapore

• **Challenges in the Laboratory Diagnosis of Common Haematological Disorders**  
A/Prof Ponnudurai KUPERAN  
Department of Haematology, Tan Tock Seng Hospital, Singapore

• **Challenges of FISH in Diagnostic Pathology**  
A/Prof TIEN Sim Leng  
Department of Pathology & Sr Consultant, Department of Haematology, Singapore General Hospital, Singapore

• **Erythropoiesis and the Elderly Individual**  
Dr LIU Te Chih  
Haematology Division, Department of Laboratory Medicine, National University Hospital, Singapore

• **Update in Laboratory Diagnosis of Thalassaemia**  
Prof Suthat FUCHAREON  
Thalassaemia Research Center, Institute of Molecular Biosciences, Mahidol University, Bangkok, Thailand

• **Challenges in the Reference Method for Blood Cell Counting**  
Prof Hiroshi KONDO  
Department of Health Science, Daito Bunka University, Saitama, Japan

• **HLA-Matched Platelet Supplement for Quality Improvement of Platelet Transfusion: A 10-Year Retrospective Study in Taiwan**  
Ms YANG Wan-Hua  
Department of Pathology and Laboratory Medicine, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan
14:00 – 15:30: Histopathology/Cytology

• **The Pathology of Twinning**
  Dr Kenneth CHANG Tou En
  Department of Pathology and Laboratory Medicine, KK Women’s and Children’s Hospital, Singapore

• **Diagnosis of Molar Pregnancies – From Morphology to Genotyping**
  Dr Derrick LIAN Wen Quan
  Department of Pathology and Laboratory Medicine, KK Women’s and Children’s Hospital, Singapore

• **Tracing Human Endogenous Retrovirus H Family in Colorectal Cancer Cell**
  Mr Woo Wee Hong
  School of Chemical & Life Sciences, Singapore Polytechnic, Singapore

16:00 – 18:00: Closing Ceremony

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Tuesday to Thursday, 2 - 4 October 2013

09:00 – 17:00 Poster Presentation

**Laboratory Management**

• **Introducing Training and Technical Improvements to Enhance the Hepatitis B Surface Antigen Detection Quality of RIA**
  Dr WANG Chin-Min
  Asia-Medical Medical Reference Laboratory, Taipei City, Taiwan

• **A Revisit to Clinical Technique: Phlebotomy**
  Mr WOO Wee Hong
  School of Chemical and Life Sciences, Singapore Polytechnic, Singapore

**Microbiology/Molecular**

• **An Outbreak of Norovirus GII Gastroenteritis in Northern Taiwan, October 2012 to May 2013**
  Ms HO Shu-Yuan
  Department of Laboratory Medicine, National Taiwan University Hospital, Taipei City, Taiwan

• **External Proficiency Testing Program for Rotavirus Rapid Test in Taiwan**
  Ms HSU Hui-Wen
  Department of Laboratory Medicine, Cathay General Hospital, Taipei, Taiwan

• **Surveillance of Four Gastroenteritis Associated Viruses in Northern Taiwan, 2011-2012**
  Dr HUANG Zheng-Yi
  Division of Clinical Pathology, Department of Pathology, Tri-Service General Hospital, Taipei, Taiwan

• **Preliminary Report of Multiplex mRNA Detection of Cancer Markers by Real-Time PCR**
  Mr LIN Wen-Chi
  Department of Laboratory Medicine, Tri-Service General Hospital Penghu Branch, Penghu, Taiwan
- **Genetic Analysis of Multidrug-Resistant Mycobacterium tuberculosis Strains Isolated in North Taiwan**
  Ms CHEN Yi-Chun
  Department of Laboratory Medicine, Wan Fang Hospital, Taipei Medical Hospital, Taiwan

- **The Differential Prevalence of Enterobius Vermicularis Infection Between Renai Township of Mountainous Area and Taichung City in Taiwan**
  Mr CHEN Mao-Tsun
  Medical Laboratory Department, Puli Christian Hospital, Taiwan

- **Evaluation of Nontuberculosis Mycobacteria (NTM) Identification by MALDO-TOF MS Technology**
  Ms YU Fang-Lan
  Department of Laboratory Medicine, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan

- **DNA Methylation Studies in the Neural Stem Cell Differentiation on Poma Fibers**
  Mr LIN Meng-De
  Department of Pathology and Laboratory Medicine, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan

- **Clinical Analyses for Patients with Scabies from January 2102 to April 2013 of a Hospital in Eastern Taiwan**
  Mr CHENG Tsan-Wang
  Department of Pathology and Laboratory Medicine, Taipei Veterans General Hospital Su-Ao Branch, Yilan, Taiwan

- **Molecular Epidemiology of HHV8 nd B19 Infection in Different Population in Taiwan**
  Dr LEE Yuan-Ming
  Division of Laboratory Medicine, National Yang-Ming University Hospital, Yilan, Taiwan

- **Human Colorectal Adenocarcinoma Cell Line (HT29) as an In-vitro Model for EV71**
  Mr LUI Yan-Long Edmund
  Centre for Biomedical and Life Sciences, Singapore Polytechnic, Singapore

- **Comparison of a Rapid Streptococcus pneumonia Urinary Assay with Cultures in a Regional Hospital**
  Ms CHEN Pi-Yin
  Medical Laboratory, Keelung Hospital, Department of Health, Executive Yuan, Taiwan

- **Generation and Characterization of Polyclonal and Monoclonal Antibodies Against S. pneumonia a -Enolase**
  Dr WANG Gueng-Chueng
  Department of Laboratory Medicine, Wan Fang Hospital, Taipei Medical University, Taiwan

- **Human Endogenous Retrovirus H Family in Colorectal Carcinogenesis**
  Mr WOO Wee Hong
  School of Chemical & Life Sciences, Singapore Polytechnic, Singapore

**Clinical Chemistry**

- **The Relationship Between Stress Markers of HRV (heart rate variability) and Inflammatory Marker of CRP (C-reactive Protein) and ESR (Erythrocyte Sedimentation Rate) of Korean Middle-Aged Men**
  Ms MYUNG Mee-Hae
  Centre for Health Promotion, Samsung Medical Centre, Seoul, Korea

- **Evaluation of a New Method Using Capillary Electrophoresis Technology in A1C Estimation**
  Ms TANG Hui-Fei
  Department of Clinical Pathology, Far Eastern Memorial Hospital, New Taipei City, Taiwan
• **Is BiliCheck a Good Screening Tool for Neonatal Jaundice?**  
Ms LU Hsiu-Chu  
Department of Laboratory Medicine, Mackay Memorial Hospital, Taipei, Taiwan

• **Assessment of Food Allergy in Primary School Children in the North of Taiwan**  
Ms YANG Wan-Hua  
Department of Pathology and Laboratory Medicine, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan

• **A Retrospective Study of Chronic Kidney Disease Prevalence in a General Hospital of Central Taiwan**  
Ms CHIEN Ju-huei  
Department of Laboratory Medicine, Taichung Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taiwan

### Haematology/Transfusion Medicine

• **2008-2012 Statistical Studies of Blood Usage and Antibody Presentation from a Cardiac Surgery Hospital in Taipei**  
Mr LEE Chun-Chang  
Blood Bank, Department of Clinical Pathology, Taipei, Taiwan

• **Performance Evaluation of Novel Analysers Celltac Chemi and Alpha for Point-of-Care Testing (HbA1c, CRP an CBC)**  
Mr Masaaki SUGIYAMA  
Department of Laboratory Medicine, Kishiwada City Hospital, Osaka, Japan

• **Chronic Hepatitis C Patients’ Complete Blood Counts Changes During Antiviral Therapy**  
Mr SUNG Chia-Shing  
Chwan Memorial Hospital, Changhua, Taiwan

• **Parallel Comparison of Two Commercial Blood Grouping Reagents for N, k and Leb**  
Ms HSIEH Hui-Ni  
Laboratory Medicine, Far Eastern Polyclinic, Taiwan

### Histopathology/Cytology

• **HMGB1 Expression Patterns as Survival Prognostic Marker for Colon Cancer**  
Dr CHANG Junn-Laing  
Department of Pathology and Laboratory Medicine, Taoyuan Armed Forces General Hospital, Taoyuan, Taiwan