
Second Asia Pacific Symposium on Advanced Molecular Technologies

13th to 15th August 2010 - Hong Kong

Theme - New Horizon in Molecular Diagnostics

Opening Ceremony and Plenary Lecture

- Venue:** Cheung On Tak Lecture Theater, The Hong Kong Polytechnic University
- Date:** Friday, 13th August 2010
- Time:** 6:00 pm
- Guest of Honor:** To be confirmed
- Plenary Lecture:** 6:30 pm
- Speaker:** Professor Kwok-Yung Yuen
Department of Microbiology
The University of Hong Kong
- Topic:** Molecular diagnostics for influenza A H1N1 2009
- CME/CPD Accreditation:** Hong Kong College of Pathologists: 1 CME point
Medical Laboratory Technologists Board: 1 CPD Point

14th August 2010 (Saturday)

Time

Venue

Cheung On Tak Lecture Theater, The Hong Kong Polytechnic University

8:00a.m. - 9:00a.m.

Registration

9:00a.m. – 10:00a.m.

Plenary Lecture

Professor Dennis Yuk-Ming Lo (Hong Kong), *Professor, Department of Chemical Pathology, The Chinese University of Hong Kong*
"Plasma nucleic acid analysis: from microfluidics to next-generation sequencing"

10:00a.m. - 10:30a.m.

Tea Break

10:30a.m. - 12:30p.m.

Keynote speech

Topics

Infectious diseases

Dr. David Persing (USA), *Executive Vice President, Chief Medical and Technology Officer, Cepheid*
"Molecular Detection of Drug Resistant Pathogens"

Dr. Fred Tenover (USA), *Senior Director of Scientific Affairs, Cepheid*
"The Challenge of Controlling MRSA and Clostridium difficile in Hospitals and the Community"

Professor Yi-Wei Tang (USA), *Associate Professor of Medicine and Pathology, Director of the Infectious Disease Laboratory, Vanderbilt University Medical Center*
"Molecular Niches for Laboratory Diagnosis of Bloodstream Infections: State-of-the-art"

12:30p.m. - 2:00p.m.

Lunch Break

2:00p.m. - 3:30p.m.

Keynote speech

Topics

Haematological Malignancies

Dr. William WL Choi (Hong Kong), *Assistant Professor, Division of Haematology, Department of Pathology, The University of Hong Kong*
"Mutations in cytogenetically normal AML"

Dr. Anskar YH Leung (Hong Kong), *Associate Professor, Department of Medicine, The University of Hong Kong*
"New therapeutic options in acute myeloid leukemia"

Dr. Edmond SK Ma (Hong Kong), *Director, Clinical Pathology & Molecular Pathology, Department of Pathology, HK Sanatorium & Hospital*
"Molecular monitoring of leukaemia"

3:30p.m. - 4:00p.m.

Tea break

4:00p.m. - 6:00p.m.

Keynote speech

Topics

Molecular Diagnostic Technology

Professor Jian Han (USA), *Principal Investigator, HudsonAlpha, Institute for Biotechnology*
"iCubate platform: multiplex PCR, automated, closed"

Professor David Y Zhang (USA), *Associate Professor, Dept. Of Pathology, Mount Sinai Medical Center, New York*
"Molecular Diagnosis of Viral Related CNS Lymphoma"

Professor Jang-Jih Lu (Taiwan), *Director and Professor, Department of Laboratory Medicine, China Medical University Hospital*
"Evaluation of Rapid Detection of Mycobacterium tuberculosis and the Antibiotic Resistance by Real Time PCR, Mini-sequencing and High Resolution Melting Analysis Method from Sputums and Peripheral Blood of TB patients"

Professor James Linder (USA), *Department of Pathology and Microbiology, University of Nebraska Medical Center.*
"Molecular approaches to Cervical Cancer Screening: HPV and beyond"

CME/CPD

Accreditation:

Hong Kong College of Pathologists: 6 CME points

Medical Laboratory Technologists Board: 6 CPD Points

15th August 2010 (Sunday)

Time

Venue

Cheung On Tak Lecture Theater, The Hong Kong Polytechnic University

8:00a.m. - 9:00a.m.

Registration

9:00a.m. – 10:00a.m.

Plenary Lecture

Professor Benjamin Y.M. Yung (Hong Kong), *Head of Department & Chair Professor of Biomedical Science, The Hong Kong Polytechnic University*
"Understanding of Molecules and/or Biomarkers in Personalized Health"

10:00a.m. - 10:30a.m.

Tea Break

10:30a.m. - 12:30p.m.

Keynote speech

Topics

Genetic Diseases

Professor Daniel Chiu (Taiwan), *Graduate Institute of Medical Biotechnology, Chang Gung University, Department of Clinical Pathology, Chang Gung Memorial Hospital.*
" Identification of Biomarkers of Guillain-Barre Syndrome by Metabolomic Approach"

Dr. Stephen T S Lam (Hong Kong), *Consultant Clinical Geneticist, Clinical Genetic Services, Department of Health, Hong Kong Special Administrative Region (HKSAR) Government*
"Application of Genomics to Paediatrics"

Professor Ching-Wan Lam (Hong Kong), *Professor of Chemical Pathology, Department of Pathology, The University of Hong Kong*
"Molecular Theranostics"

12:30p.m. - 2:00p.m.

Lunch Break

2:00p.m. - 3:30p.m.

Keynote speech

Topics

Quality Control for Molecular Diagnostics

Dr. Paul Wallace (UK), *Quality Manager, Quality Control for Molecular Diagnostics, Glasgow*
"Quality Assessment: What is appropriate in the Molecular diagnostic setting?"

Professor Rob Schuurman (Belgium), *Molecular Virologist, Dept. of Virology, University Medical Center Utrecht*
"Work flow optimization for home-brew molecular diagnostics assays: The Dutch approach"

Professor HGM Niesters (Netherlands), *University Medical Center Groningen, Department of Medical Microbiology, Division of Clinical Virology*
Molecular diagnostics in clinical virology. What is next?

3:30p.m. - 4:00p.m.

Tea break

4:00p.m. - 6:00p.m.

Keynote speech

Topics

Infectious diseases

Dr Mark Wilks (UK), *Principal Microbiologist, Centre for Infectious Diseases, Barts and the London NHS Trust, London School of Medicine and Dentistry*
"Matrix-assisted laser desorption ionization time-of-flight (MALDI-TOF), a revolution in the identification of bacteria in the Diagnostic laboratory?"

Professor Wayne Yun F Wang (USA), *Director of Microbiology, Immunology, Molecular Diagnostics, Grady Memorial Hospital, Atlanta*
"Quality molecular testing in diagnosis of infectious diseases"

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