



HONG KONG SOCIETY FOR MOLECULAR DIAGNOSTIC SCIENCES LIMITED

香港分子生物診斷學會

c/o The Federation of Medical Societies of Hong Kong

4th Floor, Duke of Windsor Social Service Building, 15, Hennessy Road, Hong Kong

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2019 Molecular Pathology Series (ASCPi)

Venue: Lecture Hall, Federation of Medical Societies of Hong Kong, 4th Floor, Duke of Windsor Social Service Building, 15 Hennessy Road, Wanchai, Hong Kong

Time: 6:30 to 9:30 PM

Date	Topic	Instructor
3 Sep (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180021</i>	Molecular Science I 1. Nucleic Acid Chemistry 2. Structure of DNA and RNA 3. Nomenclature of Nucleic Acid 4. Polymerase Structures and Functions	Dr Chris WONG Hong Kong Molecular Pathology Diagnostic Centre
10 Sep (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180031</i>	Molecular Science II 1. The Cell Cycle 2. DNA Replication and Cell Division 3. Structure of Chromosomes 4. Nomenclature of Chromosomes 5. Cytogenetic practice	Prof Thomas WAN The Chinese University of Hong Kong
17 Sep (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180041</i>	Molecular Science III 1. Gene Structure, Expression, and Control of Expression 2. Gene Structure 3. Transcription 4. Translation 5. Control of Gene Expression 6. Genetic Anomalies: Acquisition and Types i. Inherited Defects and Acquired Defects ii. Autosomal Dominant and Autosomal Recessive iii. X-linked Recessive iv. Structural and Numerical Chromosome Anomalies v. Microdeletion Syndromes vi. Mitochondrial Inheritance vii. Genomic Imprinting viii. Trinucleotide Repeat Disorders	Prof S P YIP The Hong Kong Polytechnic University
24 Sep (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180051</i>	Molecular Techniques I 1. Nucleic Acid Amplification Techniques 2. Direct Sequence Analysis (DNA Sequencing) 3. Southern Blot Analysis 4. Western Blot Analysis	Dr Timothy YIP ACT Genomics Hong Kong



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8 Oct (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180061</i>	Molecular Techniques II 1. Loss of Heterozygosity (LOH) 2. DNA Microarray 3. Methylation Assays	Dr Timothy YIP ACT Genomics Hong Kong
15 Oct (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09180071</i>	Molecular Techniques III (6:30 to 7:30 pm – Prof Thomas WAN) 1. In Situ Hybridization 2. FISH	Prof Thomas WAN The Chinese University of Hong Kong
	(7:30 to 9:30 pm – Dr Patrick LAW) 3. Prenatal Diagnosis 4. Carrier Testing 5. Variable Number Tandem Repeats (VNTR) 6. Mutation Scanning 7. Proteomics 8. HLA Typing	Dr Patrick LAW Pangenia Lifesciences Limited
22 Oct (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190011</i>	Application of Molecular Testing I 1. Disorders of Coagulation and Thrombosis 2. Non-neoplastic Hematologic Disorders 3. Neoplastic Hematology 4. Immunologic Disorders 5. Autoimmunity	Dr Edmond MA Hong Kong Sanatorium & Hospital
29 Oct (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190021</i>	Application of Molecular Testing II Chromosomal and Microdeletion Disorders Examples: Turner Syndrome (TUEosomy X; 45, X) Down Syndrome Fragile X Syndrome Cri-du-Chat Syndrome	Dr Stephen LAM Hong Kong Sanatorium & Hospital



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5 Nov (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190031</i>	Application of Molecular Testing III 1. Renal Diseases 2. Endocrine Disorders 3. Cardiovascular Diseases 4. Gastrointestinal, Hepatobiliary, and Pancreatic Diseases 5. Metabolic, Mitochondrial, and Lipid Disorders 6. Neuromuscular Diseases	Dr Stephen LAM Hong Kong Sanatorium & Hospital
12 Nov (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190041</i>	Application of Molecular Testing IV Solid Tumors (6:30 to 8:00 pm – Dr C H KAN) 1. Genitourinary Tumors 2. CNS Tumors 3. Soft Tissue Tumors	Dr C H KAN St Teresa's Hospital
	(8:00 to 9:30 pm – Dr Chris CHAN) 4. Breast Cancer 5. Cervical Cancer 6. Colorectal Cancer	Dr Chris CHAN Hong Kong Sanatorium & Hospital
19 Nov (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190051</i>	Application of Molecular Testing V Microbiology 1. Viral Hepatitis 2. Human Immunodeficiency Virus 3. Bacterial Infections 4. Mycobacteria 5. Application of Next-generation sequencing for medical microbiology	Dr W C YAM The University of Hong Kong
26 Nov (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190061</i>	ISO 15189 requirements for medical laboratory quality system – Part 1	Dr Lillian CHOW Hong Kong Accreditation Service



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3 Dec (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190071</i>	ISO 15189 requirements for medical laboratory quality system – Part 2	Dr Lillian CHOW Hong Kong Accreditation Service
10 Dec (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190081</i>	Application of Molecular Testing VI Principles and Applications of Next-generation sequencing	Prof Allen CHAN The Chinese University of Hong Kong
17 Dec (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190091</i>	Quality Assurance in Molecular Biology	Mr Stephen LO Gleneagles Hong Kong Hospital
7 Jan (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190101</i>	Workshop I Basic Molecular Sciences Primer design	Dr Jonathan CHEN Queen Mary Hospital
14 Jan (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190111</i>	Workshop II Results interpretation & Quality Assurance for Infectious diseases : Test Evaluation & Validation; pitfalls; Measurement uncertainty	Dr W C YAM The University of Hong Kong



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11 Feb (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190121</i>	Workshop III Application of Molecular Testing 6:30 to 8:30 pm Haematopathology (Dr Nelson Chan)	Dr Nelson Chan Prince of Wales Hospital
	8:30 to 9:30 pm Molecular genetics (Dr Tony Tong)	Dr Tony TONG Clinical Genetic Service, Department of Health
18 Feb (TUE) <i>MLT Board 3.0 CPD points & Programme Code: 09190131</i>	Workshop IV Application of Molecular Testing: Histopathology & Cytology - Results interpretation Quality Assurance in Molecular Biology	Mr Stephen LO Gleneagles Hong Kong Hospital
17 Mar (TUE)	Examination	Mr H Y LAM Hong Kong Sanatorium & Hospital
24 Mar (TUE)	Supplementary Examination	Mr H Y LAM Hong Kong Sanatorium & Hospital
26 Mar (THU)	Revision	Mr H Y LAM Hong Kong Sanatorium & Hospital