



**ARAB HEALTH
CONGRESS**



MEDLAB

Laboratory Management and Medicine Congress

25-28 January, 2010

Track A January 25 2010

Laboratory Management

10.00 Opening remarks

10.10 Laboratory Accreditation and Standardization– Setting up a Reliable Laboratory

10.40 A Roadmap to the Implementation of ISO 15189

11.10 Break

11.40 The Framework for Assuring Quality: External and Internal Quality Control

12.10 CAP Accreditation: Ensuring Best Patient Care and Laboratory Services

12.40 Quality Assessment: The Way Ahead

13.10 Lunch break

14.40 From Principles to Outcomes Evidence Based Laboratory Medicine

15.10 Hand in Glove: Information Technology and Laboratory Automation

15.40 Laboratory Information Systems: The Backbone of a Laboratory

16.10 Break

16.40 Strategies for Education and Training of Laboratory Professionals to Achieve Excellence in the Laboratory

17.10 Controlling Quality: Point of Care Testing

17.40 Close



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Track B **January 26 2010**

Molecular Diagnosis

- 10.00** Emerging Molecular Diagnostic Tools and Technologies
- 10.30** New and Emerging Technology in Newborn Screening
- 11.00** **Break**
- 11.30** Detection of Pathogens Based on Antigen Detection
- 12.00** Detecting, Characterizing and Monitoring Viral Agents of Infection and Disease
- 12.30** Recent Advances in Molecular Typing of Pathogens
- 13.00** **Lunch break**
- 14.30** Application of Laboratory Biomarkers for Clinically Reliable Diagnostic Tests
- 15.00** Biochemical Markers of Disease and Molecular Diagnostics
- 15.30** **Break**
- 16.00** Genetic Test and Solid Cancer
- 16.30** Immunohematology and Immunogenetics
- 17.00** Molecular Detection of Infectious Diseases
- 17.30** **Close**



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Track C **January 27 2010**

Microbiology/Immunology

- 10.00** Latest CLSI Guidelines for Identification of Anaerobes
- 10.30** The Search for Identification of Infectious Agents in Human Cancer
- 11.00** **Break**
- 11.30** Rediscovering the Laboratory's Role in Management of Septicemia
- 12.00** Group B Streptococci and Prevention of Neonatal GBS Disease
- 12.30** Helicobacter Pylori Associated Infections
- 13.00** **Lunch break**
- 14.30** Diagnosis of Leishmaniasis
- 15.00** Diagnostic Microbiology the Future is NOW
- 15.30** Antibiotic Stewardship in Hospitals
- 16.00** **Break**
- 16.30** Surveillance of Bacterial Drug Resistance by WHONET
- 17.00** Antibiotic Resistance among Bacterial Pathogens: Mechanism and Detection
- 17.30** **Close**



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Track D **January 28 2010**

Clinical Chemistry

10.00 Updates on Diabetes Testing

10.30 Endocrine Disruptor

11.00 **Break**

11.30 Multimarker Strategies: Are we ready for Prime time in Laboratory Medicine

12.00 Molecular markers in cancer

12.30 Current Issues in Lipid Biomarkers

13.00 **Lunch break**

14.30 Tumor Markers in Prostate Cancer

15.00 Biomarkers in Acute Coronary Syndromes and Heart Failure

15.30 Laboratory diagnosis of cystic fibrosis

16.00 **Break**

16.30 Drug Monitoring and Toxicology

17.00 Clinical Applications of Toxicology

17.30 **Close**



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Track E **January 28 2010**

Heamatology

- 10.00** Role of Cytogenetic and Genomic Analyses in Hematolymphoid Neoplasms
- 10.30** Control of Globin Gene Expression during Development: Insights Obtained from Fetal Hemoglobin Switching
- 11.00** **Break**
- 11.30** Stem Cell Engineering in Hematologic Disorders
- 12.00** Advances in Immunophenotyping of Chronic Lymphoproliferative Disorders
- 12.30** Minimal Residual Disease Tracking by Flow Cytometry
- 13.00** **Lunch break**
- 14.30** Management of Paroxysmal Nocturnal Hemoglobinuria
- 15.00** Cancer and Thrombosis: Trousseau Syndrome Revisited
- 15.30** D-Dimer: Small is Big
- 16.00** **Break**
- 16.30** Newer Assays for Heparin Induced Thrombocytopenia
- 17.00** Anemia of Chronic Disorders: Diagnostic Challenges
- 17.30** **Close**