16th ANNUAL

LABORATORY MANAGEMENT AND MEDICINE CONFERENCE BROCHURE

DR MANSOUR AL-ZAROUNI
Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE

DR FADI W. ABDUL-KARIM
Cleveland Clinic, Cleveland, Ohio, USA

DR MAY YASSIN RAOUF
Dubai Health Authority, Dubai, UAE

DR MICHAEL JANSEN
Cork University Hospital, Cork, Ireland

DR RICHARD FRIEDBERG
Baystate Medical Center, Springfield, Massachusetts, USA

PROVIDED BY:

LEADING CONGRESS SUPPORTER:

SUPPORTED BY:

ORGANISED BY:

life sciences exhibitions

+971 (0) 4 336 7334        medlabcongress@informa.com        medlabme.com/conferences

EARLY BIRD BOOKINGS END 15 DECEMBER 2016

11 CME-ACCREDITED CONFERENCES

6 - 9 February 2017
Dubai International Convention & Exhibition Centre, Dubai, UAE
DISCOVER THE LATEST LABORATORY TECHNOLOGIES WORLDWIDE

OVER 400 PRODUCTS & SERVICES SHOWCASED

WORKSHOPS
Discover the latest technological advancements and cutting-edge equipment launched at the interactive workshops.

DEALERS & DISTRIBUTORS WALL
Optimise business opportunities by displaying your contact details and your products of interest, on the Dealers & Distributors Wall so exhibitors can contact you directly.

COUNTRIES REPRESENTED:

<table>
<thead>
<tr>
<th>Country</th>
<th>Flag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>🇦🇺</td>
</tr>
<tr>
<td>Austria</td>
<td>🇦🇹</td>
</tr>
<tr>
<td>Belgium</td>
<td>🇧🇪</td>
</tr>
<tr>
<td>Brazil</td>
<td>🇧🇷</td>
</tr>
<tr>
<td>China</td>
<td>🇨🇳</td>
</tr>
<tr>
<td>Croatia</td>
<td>🇭🇷</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>🇨🇿</td>
</tr>
<tr>
<td>Denmark</td>
<td>🇩🇰</td>
</tr>
<tr>
<td>Egypt</td>
<td>🇪🇬</td>
</tr>
<tr>
<td>Finland</td>
<td>🇫🇮</td>
</tr>
<tr>
<td>France</td>
<td>🇫🇷</td>
</tr>
<tr>
<td>Germany</td>
<td>🇩🇪</td>
</tr>
<tr>
<td>Greece</td>
<td>🇬🇷</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>🇭🇰</td>
</tr>
<tr>
<td>Hungary</td>
<td>🇭🇺</td>
</tr>
<tr>
<td>India</td>
<td>🇮🇳</td>
</tr>
<tr>
<td>Iran</td>
<td>🇮🇷</td>
</tr>
<tr>
<td>Ireland</td>
<td>🇮🇪</td>
</tr>
<tr>
<td>Italy</td>
<td>🇮🇹</td>
</tr>
<tr>
<td>Japan</td>
<td>🇯🇵</td>
</tr>
<tr>
<td>Kuwait</td>
<td>🇰🇼</td>
</tr>
<tr>
<td>Lebanon</td>
<td>🇱🇧</td>
</tr>
<tr>
<td>Netherlands</td>
<td>🇳🇱</td>
</tr>
<tr>
<td>Poland</td>
<td>🇵🇱</td>
</tr>
<tr>
<td>Portugal</td>
<td>🇵🇹</td>
</tr>
<tr>
<td>Russia</td>
<td>🇷🇺</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>🇳🇦</td>
</tr>
<tr>
<td>Serbia</td>
<td>🇷🇸</td>
</tr>
<tr>
<td>Singapore</td>
<td>🇸🇬</td>
</tr>
<tr>
<td>South Korea</td>
<td>🇰🇷</td>
</tr>
<tr>
<td>Spain</td>
<td>🇪🇸</td>
</tr>
<tr>
<td>Sweden</td>
<td>🇸🇪</td>
</tr>
<tr>
<td>Switzerland</td>
<td>🇨🇭</td>
</tr>
<tr>
<td>Taiwan</td>
<td>🇹🇼</td>
</tr>
<tr>
<td>Turkey</td>
<td>🇹🇷</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>🇦🇪</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>🇬🇧</td>
</tr>
<tr>
<td>United States</td>
<td>🇺🇸</td>
</tr>
</tbody>
</table>

REGISTER TO VISIT FOR FREE @ www.medlabme.com/vis
Dear Medical Laboratory Professional,

I am pleased to present you with the conference programme for the 2017 edition of MEDLAB Congress.

» Laboratory Management
» Cardiac Markers NEW
» 5th Middle East Diabetes Conference* NEW
» Molecular Diagnostics
» Blood Transfusion Medicine NEW
» Microbiology & Immunology
» Haematology
» Laboratory Testing & Management of Diabetes NEW
» Clinical Chemistry
» Histopathology
» Laboratory Informatics NEW

The MEDLAB Congress features a selection of 11 multi-disciplinary conference tracks that will provide CME credits, unparalleled education and management solutions to help advance laboratory skills and improve laboratory services in today's competitive market.

New in the 2017 scientific programme is the inclusion of updates in laboratory testing and developments in clinical diagnostics to review the expanding role of laboratory medicine in patient care. This will feature the correlation of tasks between a laboratory professional and a clinician, in analysing algorithms of the disease, test interpretations and standards in reporting.

Each track will cover advancements in science, technology and application of various laboratory techniques and clinical implementations that you can take away and apply in your everyday work environment.

This year, not only will you have the opportunity to network with research and practice experts, you will also have the chance to experience exceptional continuing medical education.

We look forward to seeing you in February 2017.

Regards,

Dr Mansour Al-Zarouni
Chair, MEDLAB Congress, Member, General Secretariat Committee,
Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE

* PS: The 5th Middle East Diabetes Conference will take place alongside this year’s MEDLAB Congress. Detailed agenda to be made available shortly. Please check the website for more information.
www.medlabme.com/diabetes

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
## CONFERENCES

<table>
<thead>
<tr>
<th>Conference</th>
<th>Date</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory Management</td>
<td>6 February 2017</td>
<td>6</td>
</tr>
<tr>
<td>Cardiac Markers NEW</td>
<td>6 February 2017</td>
<td>7</td>
</tr>
<tr>
<td>Blood Transfusion Medicine NEW</td>
<td>7 February 2017</td>
<td>8</td>
</tr>
<tr>
<td>Molecular Diagnostics</td>
<td>7 February 2017</td>
<td>9</td>
</tr>
<tr>
<td>Microbiology &amp; Immunology</td>
<td>8 February 2017</td>
<td>10</td>
</tr>
<tr>
<td>Haematology</td>
<td>8 February 2017</td>
<td>11</td>
</tr>
<tr>
<td>Laboratory Testing &amp; Management of Diabetes NEW</td>
<td>8 February 2017</td>
<td>12</td>
</tr>
<tr>
<td>Histopathology</td>
<td>9 February 2017</td>
<td>13</td>
</tr>
<tr>
<td>Clinical Chemistry</td>
<td>9 February 2017</td>
<td>14</td>
</tr>
<tr>
<td>Laboratory Informatics NEW</td>
<td>9 February 2017</td>
<td>15</td>
</tr>
</tbody>
</table>

---

**ACCREDITATION STATEMENT**

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 28.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

**GRANTOR ACKNOWLEDGMENT:**

The Cleveland Clinic Foundation Center for Continuing Education acknowledges educational grants for partial support of this activity from:

- Abbott Laboratories SA
- Beckman Coulter
- Siemens Healthcare FZ LLC

**FACULTY DISCLOSURE STATEMENT:**

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution for all faculty conflicts of interest. Faculty declaring a relevant interest will be identified in the activity syllabus.

---

Early bird bookings end 15 Dec. Register @ medlabcongress@informa.com / +971 (0) 4 336 7334
TOP 10 REASONS FOR ATTENDING MEDLAB 2017:

1. Interpret key technological breakthroughs in managing a laboratory
2. Review data analytics in the laboratory
3. Evaluate standard current practices and utilisation of POCT
4. Discover next generation sequencing methods
5. Identify screening tools for the diagnosis of Diabetes Mellitus
6. Discuss safety in transfusion medicine and quality improvement
7. Appraise the latest developments in cardiac markers
8. Assess laboratory information management system
9. Describe practical approaches in histopathology
10. Analyse quality improvement in haematology practices

KEY TOPICS TO BE DISCUSSED:

- Utilising Point Of Care Testing (POCT)
- Future of laboratories
- Accreditation deficiencies
- Next-generation sequencing approach
- Arab genome project
- MALDI TOF/TOF mass spectrometers
- Competency programme for microbiologists
- Updates in uropathology
- Cytology/biopsy/LEEP gynaecologic correlation
- Approach to leptomeningeal
- Patients access to test results
- Assessment of insulin resistance
- Standardisation of reporting in haematology
- Cardiac markers: Usage and cost effectiveness
- Management of chronic Diabetes Mellitus
- Blood transfusion safety
- Blood donors and donation
- Role of lab in clinical informatics
- Digital pathology

WHO SHOULD ATTEND:

- Laboratory Technologists
- Pathologists
- Biochemists
- Microbiologists
- Histopathologists
- Haematologists
- Clinical Chemists
- Phlebotomists
- Molecular Biologists
- Immunologists
- General Practitioners
- Cardiologists
- Emergency Physicians
- Radiologists
- Surgeons
- Family Physicians
- Endocrinologists
- Diabetes Specialists
- Laboratory Technicians
- Laboratory Managers
- Laboratory Supervisors
- Medical Laboratory Directors
- Heads of Laboratory
- Science Officers
- Research Assistants
- Quality Officers
- Laboratory Compliance Officers
- Blood Bank Healthcare Professionals
- Blood Bank Technicians
- Laboratory Information Management System (LIMS) Managers
- Heads of LIMS
- IT Strategists
- Critical Care Physicians
- Internal Medicine & Subspecialties Physicians
- Medical Technicians
- Chief of Medical Laboratory Science Officers
- Laboratory In-Charge
- Nurses
- Researchers
- Scientists

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
Activity Directors:
- Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE
- Dr Fadi W. Abdul-Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA

Organising Committee:
- Carlo Kaabar, CEO, Futurelab Medical Laboratories, Jeddah, KSA

Speaker Faculty:
- Dr Anthony J Simonetti, Medical Director, Center for Pre Analytic Services, Medical Director, Family Health Center Laboratories, Cleveland Clinic, Cleveland, Ohio, USA
- Dr Basel Altrabulsi, Clinical and Anatomic Pathologist, Medical Director, National Reference Laboratory, Abu Dhabi, UAE
- Dr Curtis Hanson, Haematopathologist, Mayo Clinic, Rochester, Minnesota, USA
- Glen Fine, CEO, Clinical and Laboratory Standards Institute (CLSI), Wayne, Pennsylvania, USA
- Nael Soudi, Chief Quality Officer, MedLabs Consultancy Group, Amman, Jordan
- Philip Weihs, Service Manager, Emergency Division, James Paget University Hospitals, NHS Foundation Trust, Great Yarmouth, UK
- Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA
- Dr Ziad Peerwani, Consultant Physician, Anatomic Pathology & Cytopathology - Medical Affairs, Tawam Hospital, SEHA, Al Ain, UAE

SESSION 1: TECHNOLOGY
Moderator: Carlo Kaabar, CEO, Futurelab Medical Laboratories, Jeddah, KSA
10:30 Dynamics and management of lab chains
Carlo Kaabar, CEO, Futurelab Medical Laboratories, Jeddah, KSA
11:00 Using POCT and service redesign to establish an ambulatory emergency care service
Philip Weihs, Service Manager, Emergency Division, James Paget University Hospitals, NHS Foundation Trust, Great Yarmouth, UK
11:30 How to find the treasure: Data analytics in the laboratory
Dr Ziad Peerwani, Consultant Physician, Anatomic Pathology & Cytopathology - Medical Affairs, Tawam Hospital, Al Ain, UAE
12:00 Lunch break

SESSION 2: PEOPLE
Moderator: Carlo Kaabar, CEO, Futurelab Medical Laboratories, Jeddah, KSA
13:30 Managing the anatomic pathology laboratory
Dr Basel Altrabulsi, Clinical and Anatomic Pathologist, Medical Director, National Reference Laboratory, Abu Dhabi, UAE
14:00 Social media and the laboratory: Friend or foe?
Nael Soudi, Chief Quality Officer, MedLabs Consultancy Group, Amman, Jordan
14:30 Measuring the value of the clinical laboratory
Dr Curtis Hanson, Haematopathologist, Mayo Clinic, Rochester, Minnesota, USA
15:00 Coffee break

SESSION 3: PROCESS
Moderator: Carlo Kaabar, CEO, Futurelab Medical Laboratories, Jeddah, KSA
15:30 Leadership 2020
Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA
16:00 Driving improvement in outpatient phlebotomy wait times through data, systems and behaviours
Dr Anthony J Simonetti, Medical Director, Center for Pre Analytic Services; Medical Director, Family Health Center Laboratories, Cleveland Clinic, Cleveland, Ohio, USA
16:30 How CLSI standards can help address the most commonly cited accreditation deficiencies
Glen Fine, CEO, Clinical and Laboratory Standards Institute (CLSI), Wayne, Pennsylvania, USA
17:00 Close of conference
CARDIAC MARKERS
Monday, 6 February 2017
DAY 1

09:50 Opening remarks by the Chair: Dr Omar K. Hallak, Consultant, Interventional Cardiology; Chief, Interventional Cardiologist Heart Center, American Hospital, Dubai, UAE

SESSION 1
Moderator: Dr Omar K. Hallak, Consultant, Interventional Cardiology; Chief, Interventional Cardiologist Heart Center, American Hospital, Dubai, UAE

10:00 Cardiac markers: Introduction
Dr Omar K. Hallak, Consultant, Interventional Cardiology; Chief, Interventional Cardiologist Heart Center, American Hospital, Dubai, UAE

10:30 Why we need cardiac markers: Cost effectiveness
Dr Yahya Kiwan, Senior Consultant, Clinical and Interventional Cardiology, Canadian Specialist Hospital, Dubai, UAE

SESSION 2
Moderator: Dr Fayha Ahmed, Consultant and Head of Routine Biochemistry Unit, Pathology & Genetics Department, Dubai Hospital, Dubai, UAE

11:00 Cardiac markers in acute coronary syndrome
Dr Samer Ellahham, Chief Quality Officer, Senior Consultant, Sheikh Khalifa Medical City, Abu Dhabi, UAE

11:30 Cardiac markers in atherosclerosis
Dr Dimitri Mikhailidis, Former, Academic Head, Reader and Honorary Consultant Department of Clinical Biochemistry, Royal Free Hospital Campus, University College London Medical School, University College London, London, UK

12:00 Hypercholesterolemia between laboratory under-detection and physician under-management
Dr Zuhier Awan, Chair, Genetic Studies Cardiovascular Disease and Diabetes, King Abdulaziz University, Abdullah Sulayman, Jeddah, KSA

12:30 Lunch break

SESSION 3
Moderator: Dr Omar K. Hallak, Consultant, Interventional Cardiology; Chief, Interventional Cardiologist Heart Center, American Hospital, Dubai, UAE

13:30 Cardiac markers in chronic heart failure
Dr Feras Bader, Staff Physician, Heart & Vascular Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

14:00 Cardiac markers in non-cardiac conditions
Dr Fayha Ahmed, Consultant and Head of Routine Biochemistry Unit, Pathology & Genetics Department, Dubai Hospital, Dubai, UAE

14:30 Coffee break

15:00 Panel discussion: How to improve cardiology diagnostic tests and procedures?
Moderator: Dr Omar K. Hallak
Panellists: Dr Dimitri Mikhailidis
Dr Feras Bader
Dr Samer Ellahham
Dr Zuhier Awan

16:00 Close of conference

Activity Directors:
Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE
Dr Fadi W. Abdul –Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA

Organising Committee:
Dr Omar K. Hallak, Consultant, Interventional Cardiology; Chief, Interventional Cardiologist Heart Center, American Hospital, Dubai, UAE
Dr Fayha Ahmed, Consultant and Head of Routine Biochemistry Unit, Pathology & Genetics Department, Dubai Hospital, Dubai, UAE

Speaker Faculty:
Dr Dimitri Mikhailidis, Former, Academic Head, Reader and Honorary Consultant Department of Clinical Biochemistry, Royal Free Hospital Campus, University College London Medical School, University College London, London, UK
Dr Feras Bader, Staff Physician, Heart & Vascular Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
Dr Samer Ellahham, Chief Quality Officer, Senior Consultant, Sheikh Khalifa Medical City, Abu Dhabi, UAE
Dr Yahya Kiwan, Senior Consultant, Clinical and Interventional Cardiology, Canadian Specialist Hospital, Dubai, UAE
Dr Zuhier Awan, Chair, Genetic Studies Cardiovascular Disease and Diabetes, King Abdulaziz University, Abdullah Sulayman, Jeddah, KSA

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
BLOOD TRANSFUSION MEDICINE
Tuesday, 7 February 2017

DAY 2

Activity Directors:
Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE
Dr Fadi W. Abdul-Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA

Organising Committee:
Dr May Yassin Raouf, Head & Medical Director, Dubai Blood Donation Center, Dubai Health Authority, Dubai, UAE

Speaker Faculty:
Dr Andreas Buser, Director, Blood Transfusion Services, Swiss Red Cross, Basel, Switzerland
Dr Aysha Al Maliki, Head, Blood Donors Recruitment, Ministry of Health Qatar, Doha, Qatar
Dr Hiba Saud AlHumaidan, Consultant Physician, Medical Affairs, Sheikh Khalifa Medical City, Abu Dhabi, UAE
Dr Jean-Claude Faber, President, Luxembourg Haemophilia Association, Luxembourg City, Luxembourg
Dr Manuel Algora, Consultant Physician, Head of Transfusion Medicine Service Pathology Medical & Laboratory Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
Dr Naima Omeziane, Director, Blood Bank, Sheikh Khalifa Medical City, Abu Dhabi, UAE
Dr Reem Al Radwan, Director, Kuwait Blood Transfusion Services, Kuwait
Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA

SESSION 1: DONOR AND DONATION SAFETY
09:30 Iron depletion in regular blood donors
Dr Naima Omeziane, Director, Blood Bank, Sheikh Khalifa Medical City, Abu Dhabi, UAE
10:00 Measures to improve blood safety
Dr Aysha Al Maliki, Head, Blood Donors Recruitment, Ministry of Health Qatar, Doha, Qatar

SESSION 2: TRANSFUSION TRANSMITTED INFECTIONS
10:30 Transfusion medicine: Ensuring the blood supply is safe: The laboratory’s role
Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA
11:15 The rational for pathogen inactivation implementation
Dr Andreas Buser, Director; Blood Transfusion Services, Swiss Red Cross, Basel, Switzerland

SESSION 3: QUALITY & HEMOVIGILANCE
13:30 Emergency and disaster planning
Dr Reem Al Radwan, Director, Kuwait Blood Transfusion Services, Kuwait
14:00 Haemovigilance: An effective tool for improving transfusion practice
Dr Jean-Claude Faber, President, Luxembourg Haemophilia Association, Luxembourg City, Luxembourg
14:30 Blood banks accreditation: A tool for quality improvement
Dr May Yassin Raouf, Head & Medical Director, Dubai Blood Donation Center, Dubai Health Authority, Dubai, UAE

SESSION 4: CLINICAL ASPECT OF TRANSFUSION
15:30 Improving the safety of blood transfusion
Speaker to be confirmed
16:30 Transfusion reactions to blood products: Clinical and laboratories aspects
Dr Manuel Algora, Consultant Physician, Head of Transfusion Medicine Service Pathology Medical & Laboratory Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
17:00 Clinical aspect of genotyping
Dr Hiba Saud AlHumaidan, Consultant Physician, Medical Affairs, Sheikh Khalifa Medical City, Abu Dhabi, UAE

17:30 Close of conference

Early bird bookings end 15 Dec. Register @ medlabcongress@informa.com / +971 (0) 4 336 7334
MOLECULAR DIAGNOSTICS
Tuesday, 7 February 2017
DAY 2

09:50 Opening remarks by the chair: Dr Mohammed Naveed, Consultant Geneticist & Paediatrician; Director - Planning & Operations, H.H. Sheikh Sultan Bin Khalifa Al Nahyan Humanitarian & Scientific Foundation, Dubai, UAE

SESSION 1
Moderator: Dr Ahmed Al Marzouqi, Associate Professor, Department of Biochemistry, College of Medicine and Health Sciences, UAE University, Al-Ain, UAE
10:00 Current and future biomarkers of inflammation and cardiac remodeling
Prof Damien Gruson, Professor, Associated Laboratory Director, Saint-Luc University Hospital, Brussels, Belgium
10:30 POC platforms for pathogen detection in infectious disease outbreaks
Dr Till T Bachmann, Deputy Head, Division of Infection and Pathway Medicine, College of Medicine and Veterinary Medicine, University of Edinburgh, Edinburgh, UK
11:00 Coffee break

SESSION 2
Moderator: Dr Fatma Abdulla Bastaki, Consultant Geneticist, Latifa Hospital, Dubai Health Authority, Dubai, UAE
11:30 Principles of LAMP technology and its applications for molecular diagnostics
Dr Slava Elagin, Executive Vice President, Research and Product Development, Meridian Bioscience, Inc, Cincinnati, Ohio, USA
12:00 Molecular tools in pathogen surveillance and outbreaks
Dr Kamal Khazanehdari, Head, Molecular Biology & Genetics Laboratory, Dubai, UAE
12:30 Unravelling the mystery of life-threatening immunodeficiency disorders with molecular diagnostics
Dr David Dennison, Head of Department & Director, Bone Marrow Transplant Programme, Sultan Qaboos University Hospital, Muscat, Oman
13:00 Lunch break

SESSION 3
 Moderator: Dr Fatma Aljasmi, Assistant Professor - Biochemical Genetics, Department of Pediatrics, College of Medicine and Health Sciences, UAE University, Al-Ain, UAE
14:30 Population-specific tool for precision medicine - Arab Experience
Speaker to be confirmed
15:00 STR markers in clinics: A rapid prenatal diagnosis by quantitative fluorescent-PCR for aneuploidies
Prof Sarita Agarwal, Associate Prof, Department of Genetics, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India

SESSION 4
Moderator: Dr Bassam Ali, Professor, Department of Pathology, College of Medicine & Health Sciences, UAE University, Al-Ain, UAE
15:30 Test validation/verification in the molecular laboratory
Dr Imran Mirza, Chief, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, UAE
16:00 Arab Genome Project: Current trend and challenges
Dr Riad Al Bayoumi, Professor of Basic Medical Sciences, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai Health Care City, Dubai, UAE
16:30 Close of conference

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
MICROBIOLOGY & IMMUNOLOGY
Wednesday, 8 February 2017
DAY 3

09:50 Opening Remarks by the Chair and moderator
Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE

SESSION 1
10:00 Emerging technology: Will 4th generation sequencing take genomics to the bedside
Dr Palat K Menon, Director Thumbay Labs and Professor Research, Gulf Medical University, Ajman, UAE

10:30 MALDI-TOF: A useful tool for laboratory identification of uncommon pathogens
Dr Shalabh Malik, Head of Department, Microbiology and Clinical Pathology, Dr Lal Pathlabs, New Delhi, India

11:00 Coffee break

SESSION 2
11:30 Interpretative reading of antibiogram: When microbiology makes a difference to patient care
Dr Andres Perez, Consultant Microbiologist, Danat Al Emarat Hospital, Abu Dhabi, UAE

12:00 Prevalence, detection, and management of MDR resistance in Gram Negative Bacteria in the GCC region
Dr Adnan Alatoom, Staff physician, Clinical Pathology and Microbiology, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

12:30 Non-tuberculous Mycobacteria (NTM) prevalence, detection, and management
Dr Lyssette L Cardona, Chief, Occupational Health; Infectious Diseases Consultant, Medical Subspecialties Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

13:00 Lunch break

SESSION 3
14:30 CRISPR CAS9: Made to order genes
Dr Palat K Menon, Director Thumbay Labs and Professor Research, Gulf Medical University, Ajman, UAE

15:00 Interesting cases in clinical microbiology
Dr Adnan Alatoom, Staff physician, Clinical Pathology and Microbiology, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

15:30 Creating a comprehensive competency program for microbiologists
Karen Lawlor, Lead Microbiology Technologist, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

16:00 Extended spectrum beta-lactamase (ESBL)-producing Enterobacteriaceae: Prevention and drug treatment
Dr Moenea Zain, Infectious Diseases Specialist, American Hospital, Dubai, UAE

16:30 Flu diagnostics from the lab to near-patient testing: Managing the paradigm shift
Speaker to be confirmed

17:00 Close of conference

Activity Directors:
Dr Mansour Al-Zarouni, BSc (USA), MSc & PhD (UK), Consultant Medical & Molecular Microbiologist, Director, SRL Diagnostics, DHCC, Dubai, UAE
Dr Fadi W. Abdul –Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA

Speaker Faculty:
Dr Adnan Alatoom, Staff physician, Clinical Pathology and Microbiology, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
Dr Andres Perez, Consultant Microbiologist, Danat Al Emarat Hospital, Abu Dhabi, UAE
Karen Lawlor, Lead Microbiology Technologist, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
Dr Lyssette L Cardona, Chief, Occupational Health; Infectious Diseases Consultant, Medical Subspecialties Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
Dr Moeena Zain, Infectious Diseases Specialist, American Hospital, Dubai, UAE
Dr Palat K Menon, Director Thumbay Labs and Professor Research, Gulf Medical University, Ajman, UAE
Dr Shalabh Malik, Head of Department, Microbiology and Clinical Pathology, Dr Lal Pathlabs, New Delhi, India

Early bird bookings end 15 Dec. Register @ medlabcongress@informa.com / +971 (0) 4 336 7334
HAEMATOLOGY
Wednesday, 8 February 2017
DAY 3

09:50 Opening remarks by the chair and moderator: Dr Rania Medhat Seliem, Consultant Haematopathologist, Head of Pathology Laboratory, Rashid Hospital, Dubai Health Authority, Dubai, UAE

SESSION 1: CLINICAL HAEMATOLOGY
10:00 The clinical relevance of IPF and its impact on patient management
Prof Samual J Machin, Professor of Haematology, Haemostasis Research Unit, University College London, London, UK
10:30 Haemoglobin electrophoresis
Speaker to be confirmed
11:00 Coagulation and haemostasis
Speaker to be confirmed
11:30 Coffee break

SESSION 2: NEOPLASTIC HAEMATOLOGY
12:00 Update of the WHO Classification of Myeloproliferative Neoplasms
Dr Ahmad Alduaij, Anatomical and Clinical Pathologist, Medical Director-Hematopathology, Pathology and Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
12:30 Update of the WHO Classification of Lymphoid Neoplasms
Dr Ziad Peerwani, Consultant Hematopathologist, Tawam Hospital, Al Ain, UAE
13:00 Morphologic mimickers and update of the WHO classification of myelodysplastic syndromes
Dr Rania Medhat Seliem, Consultant Hematopathologist, Head of Pathology Laboratory, Rashid Hospital, Dubai Health Authority, Dubai, UAE
13:30 Lunch break

SESSION 3: QUALITY IMPROVEMENT IN HAEMATOLOGY PRACTICES
15:00 Quality assurance and improvement in haematology
Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA
15:30 Lean six sigma in clinical haematology laboratories
Dr Imran Mirza, Chief, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
16:00 Proficiency testing in haematology
Speaker to be confirmed
16:30 Close of conference

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
LABORATORY TESTING & MANAGEMENT OF DIABETES
Wednesday, 8 February 2017

09:50 Opening remarks by the chair and moderator: Dr Fayha Ahmed, Consultant and Head of Routine Biochemistry Unit, Pathology & Genetics Department, Dubai Hospital, Dubai, UAE

SESSION 1: SCREENING
10:00 Screening tools for the diagnosis of Diabetes Mellitus
Prof Eric Kilpatrick, Division Chief, Clinical Chemistry, Department of Pathology, Sidra Medical and Research Center, Doha, Qatar

10:30 When and how?
Dr Fatheya Fardallah Alawadi, Consultant Endocrinologist, Dubai Hospital, Dubai, UAE

SESSION 2: GESTATIONAL DIABETES
11:00 Laboratory screening and diagnosis of Gestational Diabetes Mellitus
Dr Frank Ryan, Technical Director, National Reference Laboratory, Abu Dhabi, UAE

11:30 When and how? Management update
Dr Mohamed Hassanein, Consultant Endocrinologist, Dubai Hospital, Dubai, UAE

12:00 Lunch break

SESSION 3: DIABETIC EMERGENCIES
13:30 Laboratory diagnosis and monitoring of diabetic emergency
Dr Riad Al Bayoumi, Professor of Basic Medical Sciences, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai Health Care City, Dubai, UAE

14:00 Diabetic emergencies: Early management
Dr Alaa Eldin Mohammed Khidir, Consultant Endocrinologist, Dubai Hospital, Dubai, UAE

14:30 Hypoglycaemia
Dr Hubert Penninckx, Specialist Endocrinologist & Diabetologist, American Hospital, Dubai, UAE

15:00 Coffee break

SESSION 4: MANAGEMENT OF CHRONIC DIABETES MELLITUS – CLINICAL CASES
15:30 Forum
Case 1 – Type 1 Diabetes Mellitus and Hypoglycaemia
Case 2 – DM and chronic kidney disease
Case 3 – DM and cardiovascular complications

Dr Fayha Ahmed, Consultant and Head of Routine Biochemistry Unit, Pathology & Genetics Department, Dubai Hospital, Dubai, UAE

Dr Fatheya Fardallah Alawadi, Consultant Endocrinologist, Dubai Hospital, Dubai, UAE

17:00 Close of conference

Please Note: The 5th Middle East Diabetes Conference will take place alongside this year’s MEDLAB Congress. Detailed agenda to be made available shortly. Please check the website for more information www.medlabme.com/diabetes

Early bird bookings end 15 Dec. Register @ medlabcongress@informa.com / +971 (0) 4 336 7334
09:50 Opening remarks by the chair and moderator: Dr Mouza Al Sharhan, Head of Laboratory, Dubai Hospital, Dubai Health Authority, Dubai, UAE

SESSION 1
10:00 Updates in uropathology
Dr Khalid Ahmed, Consultant Histopathologist & Lead Uropathologist, Speciality Training Lead for Pathology, Department of Cellular Pathology, Royal Oldham Hospital, Greater Manchester, UK
10:30 Cytology/biopsy/LEEP gynecologic correlation: practical considerations and approaches
Dr Fadi W. Abdul-Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA
11:00 Digital pathology: Embracing a new gestalt
Dr Richard Friedberg, President, College of American Pathologists, Chair, Department of Pathology, Baystate Medical Center, Springfield, Massachusetts, USA
11:30 Coffee break

SESSION 2
12:00 Update and diagnostic challenges in Barrett's esophagus
Dr Martine C McManus, Consultant Anatomic Pathologist, Pathology & Laboratory Medicine Institute, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
12:30 An approach to the leptomeningeal or durally based mass/space occupying lesion
Dr Michael Jansen, Neuropathologist, Cork University Hospital, Cork, Ireland
13:00 Urine cytology update: Incorporating the Paris system for reporting urine cytology
Dr Mousa Al Abbadi, Consultant Physician, Clinical Services - Medical Affairs, Sheikh Khalifa Medical City, Abu Dhabi, UAE
13:30 Lunch break

SESSION 3
15:00 Practical approach to bewildering inflammatory skin lesions
Dr Janine Mawad, Consultant, Anatomic Pathology and Dermatopathology, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE
15:30 Use of modern computers in modern pathology diagnosis and practice
Dr Issam Francis, Associate Professor of Pathology, Faculty of Medicine, Kuwait, Chief and Head of Pathology Unit, Mubarak Al Kabeer Teaching Hospital, Jabriya, Kuwait
16:00 Validating and implementing digital pathology for global subspecialty consults
Dr Thomas W. Bauer, Medical Director, ePathology, Departments of Pathology, Orthopedic Surgery and The Spine Center, Cleveland Clinic, Cleveland, Ohio, USA
16:30 Special considerations in follicular lymphoma diagnosis
Dr Rania Medhat Seliem, Consultant Hematopathologist, Head of Pathology Laboratory, Rashid Hospital, Dubai Health Authority, Dubai, UAE
17:00 Close of conference

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
CLINICAL CHEMISTRY
Thursday, 9 February 2017
DAY 4

09:50 Opening remarks by the chair: Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE

SESSION 1
Moderator: Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE
10:00 Impact of pre-analytical errors and variables on POCT results
Najwa Adlan, CPHQ Medical Laboratory supervisor, POCT Department of Pathology & Laboratory Medicine, King Faisal Specialist Hospital & Research Center, Riyadh, KSA
10:30 Expanding POCT from a hospital based setting to the community and patient centred care
Dr Gurdeep Dhatt, Chairman Laboratory Medicine Consultant Clinical Chemistry, Tawam Hospital, Al Ain, UAE
11:00 Coffee break

SESSION 2
Moderator: Faisal Ibrahim, Director, Quality Assurance, National Reference Laboratory, Abu Dhabi, UAE
11:30 POCT analytical performance compared to tests offered by the laboratory
Najwa Adlan, CPHQ Medical Laboratory supervisor, POCT Department of Pathology & Laboratory Medicine, King Faisal Specialist Hospital & Research Center, Riyadh, KSA
12:00 Advances in urinalysis
Dr Joris R Delanghe, Professor, Clinical Chemistry, Ghent University, Gent, Belgium
12:30 The evolving use of serum free light chain assays in clinical laboratory
Dr Shereen Atef, Consultant Clinical Pathologist, National Reference Laboratory, Abu Dhabi, UAE
13:00 Lunch break

SESSION 3
Moderator: Faisal Ibrahim, Director, Quality Assurance, National Reference Laboratory, Abu Dhabi, UAE
14:30 Should patients have access to their test results?
Dr Patrick Twomey, Consultant Chemical Pathologist; Head of Department Clinical Chemistry, St Vincent’s University Hospital, Dublin, Ireland
15:00 Tumour markers - Analytical and clinical interpretation consequences
Dr Laila Abdel Wareth, Chair of Pathology and Laboratory Medicine, Shaikh Khalifa Medical City, Abu Dhabi, UAE
15:30 Laboratory use of Serum Creatinine Delta check to detect an acute kidney injury
Dr Tony Avades, Consultant Chemical Pathologist, Plymouth Hospital NHS Trust, Devon, UK
16:00 Analytical and clinical applications of high sensitive troponin: From disease marker to risk factor
Dr Salam Saadeldean, Consultant, Prince Sultan Military Medical City, Riyadh, KSA
16:30 Assessment of insulin resistance
Dr Anwar Abdullah Borai, Clinical Scientist, King Abdulaziz Medical City, Jeddah, KSA
17:00 Quality control in clinical laboratory
Dr Sushma Umrarao, Specialist, Clinical Pathology, Danat Al Emarat Hospital, Abu Dhabi, UAE
17:30 Close of conference
LABORATORY INFORMATICS
Thursday, 9 February 2017
DAY 4

09:50 Opening remarks by chair and moderator: Dr Ayoub Nahal, Consultant, Anatomic Pathologist, Medical Director, e-Pathology Program, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

SESSION 1
10:00 Keynote Presentation: Evaluation and effective implementation of technology for laboratory information management
Dr Walter Henricks III, Director, Center for Pathology Informatics, Cleveland Clinic, Cleveland, Ohio, USA

11:00 Coffee break

SESSION 2
11:30 Standardisation of lab compendium and its management to obtain computable semantic interoperability
Gagan Goel, IT Director, National Reference Laboratory, Abu Dhabi, UAE

12:15 Analysing data from the lab/business intelligence
John Butz, Director of Operations/Administrator, Mayo Medical Laboratories, Mayo Clinic, Rochester, Minnesota, USA

13:00 Lunch break

SESSION 3
14:30 ePathology program at Cleveland Clinic Abu Dhabi: Why we use it, how we use it, and what lies ahead
Dr Ayoub Nahal, Consultant, Anatomic Pathologist, Medical Director, e-Pathology Program, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

15:15 Management of laboratory data in electronic medical records systems
Dr Walter Henricks III, Director, Center for Pathology Informatics, Cleveland Clinic, Cleveland, Ohio, USA

16:00 Role of lab in clinical informatics and HER
Dr Aaron Han, Chief, Department of Pathology and Laboratory Medicine; Acting Chief Medical Officer, American Hospital, Dubai, UAE

16:45 Close of conference

Activity Directors:
Dr Mansour Al-Zarouni, Member, General Secretariat Committee, Sultan Bin Khalifa International Thalassemia Award (SITA), Dubai, UAE
Dr Fadi W. Abdul –Karim, Professor of Pathology and Vice Chair for Education, Robert Tomsich Pathology and Lab Med Institute, Cleveland Clinic, Cleveland, Ohio, USA

Organising Committee:
Dr Ayoub Nahal, Consultant, Anatomic Pathologist, Medical Director, e-Pathology Program, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

Speaker Faculty:
Dr Aaron Han, Chief, Department of Pathology and Laboratory Medicine; Acting Chief Medical Officer, American Hospital, Dubai, UAE
Gagan Goel, IT Director, National Reference Laboratory, Abu Dhabi, UAE
John Butz, Director of Operations/Administrator, Mayo Medical Laboratories, Mayo Clinic, Rochester, Minnesota, USA
Dr Walter Henricks III, Director, Center for Pathology Informatics, Cleveland Clinic, Cleveland, Ohio, USA

Stay up-to-date with the latest on MEDLAB conferences: www.medlabme.com/conferences
Please complete the booking form and email this back to medlabcongress@informa.com

<table>
<thead>
<tr>
<th></th>
<th>Register by 15 December</th>
<th>Register by 2 February</th>
<th>Register on-site</th>
</tr>
</thead>
<tbody>
<tr>
<td>AED</td>
<td>USD</td>
<td>AED</td>
<td>USD</td>
</tr>
<tr>
<td>1 TRACK PASS (Excludes the 5th Middle East Diabetes Conference)</td>
<td>700</td>
<td>191</td>
<td>800</td>
</tr>
<tr>
<td>2 TRACKS PASS (Excludes the 5th Middle East Diabetes Conference)</td>
<td>1,400</td>
<td>382</td>
<td>1,600</td>
</tr>
<tr>
<td>3 TRACKS PASS (Excludes the 5th Middle East Diabetes Conference)</td>
<td>2,100</td>
<td>572</td>
<td>2,400</td>
</tr>
<tr>
<td>4 TRACKS PASS (Excludes the 5th Middle East Diabetes Conference)</td>
<td>2,400</td>
<td>654</td>
<td>2,800</td>
</tr>
<tr>
<td>2 DAY DIABETES PASS (Only applicable to the 5th Middle East Diabetes Conference)</td>
<td>2,050</td>
<td>558</td>
<td>2,200</td>
</tr>
<tr>
<td>3 DAY DIABETES PASS (Only applicable to the 5th Middle East Diabetes Conference and Laboratory Testing &amp; Management of Diabetes)</td>
<td>2,200</td>
<td>599</td>
<td>2,350</td>
</tr>
</tbody>
</table>

Delegate details:

**DELEGATE 1**

- Mr/Ms/Dr/Other: 
- First Name: 
- Surname: 
- Degree (eg. MD, PhD, DO, RN): 
- Speciality: 
- Job Title: 
- Email: 
- Tel: 
- Fax: 
- Mobile: 

**DELEGATE 2**

- Mr/Ms/Dr/Other: 
- First Name: 
- Surname: 
- Degree (eg. MD, PhD, DO, RN): 
- Speciality: 
- Job Title: 
- Email: 
- Tel: 
- Fax: 
- Mobile: 

**DELEGATE 3**

- Mr/Ms/Dr/Other: 
- First Name: 
- Surname: 
- Degree (eg. MD, PhD, DO, RN): 
- Speciality: 
- Job Title: 
- Email: 
- Tel: 
- Fax: 
- Mobile:

**Payment Methods:**

Payments can be made either by Credit Card, Electronic Bank Transfers or Cash on-site.

A confirmation letter and invoice will be sent upon receipt of your registration.

**Terms & Conditions**

- Only those delegates whose fees have been paid in full will be admitted to the event.
- If you are unable to attend, a substitute delegate will be welcome in your place. If this is not suitable, a 50% service charge will be payable. Registrations cancelled less than 14 days before the event will not be refunded.
- Due to unforeseen circumstances, the programme may change and Informa Life Sciences Exhibitions reserves the right to alter the venue and/or speakers.