

2023 AACC Middle East

A partnership of AACC and LifeDx.

PROGRAM AGENDA

AACC Middle East is a two-day conference held in partnership with LifeDx to bring the latest in laboratory medicine to the Middle East region. The conference covers a range of timely topics from infectious disease to big data to prenatal emerging technology as well as core laboratory areas in sample transport, lab management, and quality assurance. Each session is presented by experts in AACC's scientific leadership to bring the latest in laboratory medicine and build new networks among attendees. Hear from experts, visit the expo, and grow your network.

Grand Hyatt Dubai
Dubai, United Arab Emirates
Saturday, October 7 – Sunday, October 8, 2023

Program Faculty

Planning Committee

AACC Representing Faculty

- **Chair:** Linnea Baudhuin, PhD, DABMGG, FACMG | Mayo Clinic
- Deborah French, PhD, DABCC, FAACC | University of California, San Francisco
- Amy K. Saenger, PhD, DABCC | Hennepin County Medical Center/ University of Minnesota

Middle East Representing Faculty

- **Lead:** Hisham Shams, MD, PhD | Chief Scientific Officer, LifeDx
- Rania Bedair, MD, PhD | Chief Medical Officer, LifeDx
- Aaron Han, MD, PhD, FCAP, Kings College Dubai

Additional Faculty

- Dima Abdelmanan MD, FRCP, ABIM, ABEDM | Dubai Medical College/Dubai Diabetes Center, Dubai Health Authority
- Ahmad Alfares, MD, FRCPC, FACMGG, FABMGG | King Faisal Specialist Hospital and Research Centre
- Tashfeen Siddiq Ali MBBS, BSc, MRCEM, PGCCM, FRCEM | King's College Hospital London
- Andrew Craig Don-Wauchope, MD, PhD, FRCP | McMaster University
- Shannon Haymond, PhD, DABCC, FAACC | Ann & Robert H. Lurie Children's Hospital of Chicago (invited)
- Byoungkwon Kim, MD, PhD | H.H. Sheikh Khalifa Specialty Hospital
- Christopher McCudden, PhD, DABCC, FCACB, FAACC | University of Ottawa
- Laila Abdel Wareth, MBBCh, FCAP, FRCPC, EMHCA | National Reference Laboratory/ Cleveland Clinic Abu Dhabi, United Arab Emirates

Saturday, October 7, 2023

Welcome and Opening

08:00 – 9:00 **Registration and Check-in; breakfast will be available**
Grand Hyatt Convention Center Lobby

09:00 – 09:20 **Welcome and Opening Comments**
Mark J. Golden, FASAE, CAE, CEO, AACC
Linnea Baudhuin, PhD, DABMGG, FACMG
Hisham Shams, MD, PhD

KEYNOTE

Moderator: Linnea Baudhuin, PhD, DABMGG, FACMG

09:20 - 10:15 **Lab 2.0: Shifting from Volume to Value**
Shannon Haymond, PhD, DABCC, FAACC (invited)

SESSION 1: Screening from Newborn to Childhood

Moderator: Linnea Baudhuin, PhD, DABMGG, FACMG

10:15 – 10:45 **Prenatal Screening**
Ahmad Alfares, MD, FRCPC, FACMGG, FABMGG

10:45 – 11:15 **Newborn Screening**
Deborah French, PhD, DABCC, FAACC

11:15 – 11:45 **Pediatric Lipid Screening**
Amy K. Saenger, PhD, DABCC

11:45 – 12:00 **Panel discussion**

12:00 – 13:30 Industry Workshops, Exposition, and Lunchbreak

SESSION 2: Laboratory Testing and Preventive Medicine

Moderator: Deborah French, PhD, DABCC, FAACC

13:30 – 14:00 **Population Screening for Genetic Disease / NGS**
Linnea Baudhuin, PhD, DABMGG, FACMG

14:00 – 14:30 **Hepatitis**
Andrew Craig Don-Wauchope, MD, PhD, FRCP

14:30 – 15:00 **Cervical Cancer Screening**
Hisham Shams, MD, PhD

15:00 – 15:15 **Panel discussion**

15:15 – 16:00 Exposition continued and Break

SESSION 3: Hot topics in Laboratory Diagnostics

Moderator: Amy K. Saenger, PhD, DABCC

16:00 – 16:30 **Diving Deeper in Hemoglobinopathy Analysis: A Case-Based Discussion**

To be determined

16:30 – 17:00 **Gastrointestinal: Celiac and Irritable Bowel Syndrome**

Rania Bedair, MD, PhD

17:00 – 17:30 **Bone Turnover and Bone Markers**

Andrew Craig Don-Wauchope, MD, PhD, FRCP

17:30 – 17:45 **Panel discussion**

Sunday, October 7, 2023

Welcome and Opening

08:00 – 09:00 **Breakfast will be available**

KEYNOTE

Moderator: Linnea Baudhuin, PhD, DABMGG, FACMG

09:00 – 09:10 **A Case Study on Improving Troponin Turnaround Time**
To be determined

09:10 – 10:00 **An Interactive Session Between Laboratorian and Emergency Physician about Troponin Applications**

A Laboratorian's Perspective

- Amy K. Saenger, PhD, DABCC

An Emergency Physician's Perspective

- Tashfeen Siddiq Ali MBBS, BSc, MRCEM, PGCCM, FRCEM

10:00 – 10:20 **Special Panel: The Interface of Physicians and Lab Medicine**

- Moderator: Linnea Baudhuin, PhD, DABMGG, FACMG
- Panelists of invited faculty to be determined

SESSION 4: Role of Genomics in Diagnosis and Treatment

Moderator: Hisham Shams, MD, PhD

10:20 – 10:50 **Testing for Inherited Cardiovascular Disorders**
Linnea Baudhuin, PhD, DABMGG, FACMG

10:50 – 11:20 **Cancer genetics**
Byoungkwon Kim, MD, PhD

11:20 – 11:50 **Pharmacogenomics and Companion Diagnostics**
Ahmad Alfares, MD, FRCPC, FACMGG, FABMGG

11:50 – 12:05 **Panel discussion**

12:05 – 13:30 Industry Workshops, Exposition, and Lunchbreak

SESSION 5: Quality and Laboratory Management

Moderator: Rania Bedair, MD, PhD

13:30 – 14:00 **Clinical Lab Role in Ensuring Sample Quality**
Deborah French, PhD, DABCC, FAACC

14:00 – 14:30 **Risk-based Quality Control**
Christopher McCudden, PhD, DABCC, FCACB, FAACC

14:30 – 15:00 **Communication Essentials for Lab Leaders**
Shannon Haymond, PhD, DABCC, FAACC (invited)

15:00 – 15:15 **Panel discussion**

15:15 – 16:00 Exposition continued and Break

SESSION 6: Expanding Lab Medicine Testing

Moderator: Backup is Deborah French, PhD, DABCC, FAACC

16:00 – 16:30 **CGM and Diabetes**

Dima Abdelmanan MD, FRCP, ABIM, ABEDM

16:30 – 17:00 **Digital Diagnostics and Mobile Health in Lab Medicine**

Laila Abdel Wareth, MBBCh, FCAP, FRCPC, EMHCA

17:00 – 17:30 **Artificial Intelligence and Remote Health Monitoring**

Christopher McCudden, PhD, DABCC, FCACB, FAACC

17:30 – 17:45 **Panel discussion**

17:45 – 18:00 Closing Comments

17:45 – 18:00 **Closing Comments**

Mark J. Golden, FASAE, CAE

Hosam Fouad, MHA, BSc

Linnea Baudhuin, PhD, DABMGG, FACMG