



The Best of AACC Middle East

March 23-24, 2017 | Rosewood Hotel - Abu Dhabi

An Initiative of

مختبرات البرج الطبية
Al Borg Medical Laboratories



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shaping the future of clinical diagnostics

Accredited by **HAAD** for
12.5 CME hours

For registration and more information please contact:

Mr. Afsal

afsal@menaconference.com



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About AACC:

AACC is dedicated to achieving better health through laboratory medicine and brings together more than 50,000 clinical laboratory professionals, physicians, research scientists, and business leaders from around the world focused on clinical chemistry, molecular diagnostics, mass spectrometry, translational medicine, lab management, and other areas of progressing laboratory science. Since 1948, AACC has worked to advance the common interests of the field, providing programs that advance scientific collaboration, knowledge, expertise, and innovation.

AACC Headquarters

900 Seventh Street, NW, Suite 400
Washington, DC 20001 U.S.A.

www.aacc.org



Dear Colleagues:

Best of AACC is a program aimed at providing highlights of AACC's scientific and educational symposia around the world. I invite you to join us March 23–24, 2017 at our next stop for the **Best of AACC Middle East** in Abu Dhabi, United Arab Emirates (UAE).

AACC is a global scientific and medical professional organization dedicated to clinical laboratory science and its application to healthcare. AACC provides essential content, conducts advocacy and outreach, and stimulates collaboration to help lab professionals adapt to change and provide vital clinical insight and guidance so patients get the care they need. Delivering high quality education and knowledge resources is integral to this mission. AACC offers more than 60 educational programs annually, including the AACC Annual Scientific Meeting & Clinical Lab Expo, which is attended by 20,000 laboratory medicine professionals and healthcare leaders, and features more than 730 exhibitors, 200 educational sessions, and nearly 800 scientific abstracts.

In 2016, **Best of AACC** held conferences in Rio de Janeiro, Brazil, and in Shanghai and Shenzhen, China, that explored topics ranging from cardiac markers to HIV testing. The upcoming conference in the UAE will feature a selection of AACC's latest groundbreaking laboratory medicine content, presented by internationally recognized speakers. I am pleased to share that this will be the first time AACC has offered educational programming in the Middle East.

We at AACC hope to see you in Abu Dhabi and look forward to continuing to expand our educational programs in laboratory medicine to benefit healthcare professionals throughout this region.

Sincerely,

A handwritten signature in black ink, reading "Michael J. Bennett". The signature is written in a cursive, flowing style. Below the signature is a thin horizontal line.

Michael J. Bennett, PhD
2017 AACC President



Dear Colleagues:

On behalf of Al Borg Medical Laboratories, it is my pleasure to welcome you to “The Best of AACC 2017 Middle East” scheduled to be held on March 23-24, 2017 in Abu Dhabi United Arab of Emirates. This program has been designed to provide a comprehensive overview of selected relevant topics in the field of clinical laboratory medicine presented by renowned international and national speakers.

This will be the first time for the American Association of Clinical Chemistry (AACC) to offer such an educational program in the region of Middle East. This is considered a great chance for the attendees to update their knowledge, stimulate collaboration with each other and exchange experiences with distinguished line-up of experts.

The Best of AACC 2017 Abu Dhabi is expected to be an exciting venue to hear and discuss the latest scientific advances in all disciplines pertinent to the field of laboratory medicine including laboratory quality management and accreditation, clinical chemistry, newborn screening, genetics, oncology and many other interesting and emerging topics.

Al Borg Medical Laboratories are committed to making a major contribution to excellence in patient care by using modern techniques inside the laboratory and modern concepts of management. The Best of AACC 2017 is considered a great chance for Al Borg Medical Laboratories to advance and support the competency in medical knowledge, practice-based learning, communication skills and safety to laboratory professionals throughout the Middle East.

We hope that this meeting will be of great benefit to all participants in the region, we also hope and trust that you will enjoy your visit to Abu Dhabi, the capital of the United Arab of Emirates, and a vibrant and fast-growing city that combines state of the art facilities and infrastructure, as well as a glimpse into an ancient and endlessly fascinating past.

We wish you all a great event.

Sincerely,

Hisham Elbanawy, MD, PhD

Conference Chairman
Al Borg Medical Laboratories,
Regional Manager, Qatar

Conference Chairman

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- **Hisham Elbanawy**, MD, PhD. Alborg Medical Laboratories, Regional Manager, Qatar

Organizing Committee

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- **Hosam Fouad**, Country Manager - Al Borg Medical Laboratories, UAE
 - **Tarek Shaker**, Development and Training Manager - Al Borg Medical Laboratories HQ, KSA
 - **Rachel Smith**, Operations Manager - Al Borg Medical Laboratories, UAE
 - **Fran Grega**, President, Encore Medical Education, USA
 - **Khaled Afify**, General Manager, Mena Conference, UAE
 - **Basma Elsayed**, MD, Laboratory Director - Al Borg Medical Laboratories, UAE
 - **Elham Attieh**, MD, Pathologist - Al Borg Medical Laboratories, UAE

Scientific Committee

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- **Lisa Dunay**, Professional Education Manager, AACC, USA
 - **Hisham Shams Maher**, MD, PhD. Group Medical Director, Alborg Medical Laboratories, Middle East
 - **Rania Nabil Bedair**, MD, PhD. Molecular Biology Unit Head, Alborg Medical Laboratories, KSA
 - **Laila Abdelwareth**, MBBCh, FCAP, FRCPC, EMHCA. Chief Clinical Pathology. Medical, Pathology & Laboratory Medicine Institute, Cleveland Clinic, Abu Dhabi, UAE
 - **Waleed Al-Tamimi** Ph. D Sc (ASCP) NRCC, President of Saudi Society of Clinical Chemistry, KSA
 - **Rania Medhat Seliem**, MD. Head of Pathology Laboratory, Rashid hospital, Dubai, UAE
 - **Nigel Clarke**, PhD. Senior Science Director for Mass Spectrometry and Automation, Quest Diagnostics Nichols Institute, San Juan Capistrano, California, USA
 - **Andrea Ferreira-Gonzalez**, PhD. Chair of the Division of Molecular Diagnostics, Department of Pathology, Virginia Commonwealth University, Richmond, VA, USA
 - **Rodney W. Forsman**, Asst. Professor Emeritus, Laboratory Medicine and Pathology College of Medicine, Mayo Clinic, Rochester, MN, USA
 - **Jeanne Mumford**, Pathology Manager over Point of Care Testing, Johns Hopkins Medicine, Baltimore, MD, USA
 - **Bradley Pine**, Vice President, Education and Meetings, AACC, USA
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Learning Objectives

- Identify key attributes of a successful leadership team, recognize perspectives of individual team members; and employ techniques to enhance their influence.
- Describe the expanding role of POCT into diverse clinical settings for patient-centered care and identify POCT clinical considerations, best quality practices and regulatory compliances.
- Discuss recognized criteria for effectiveness, limitations, and biases of cancer screening tests with emphasis on clinical utility
- Describe the main applications of Six Sigma methodology in medical laboratory settings
- Identify errors in clinical laboratories, discuss the error disclosure process and explain the different views of errors handling by pathologists.
- Explain the value of interim self-inspection and highlight the best practice in its application
- Explain advances in cutting-edge noninvasive applications for precision medicine.
- Discuss current challenges and controversies in clinical chemistry and newborn screening programs

Meeting Highlights

- Laboratory management essentials and leadership teams.
- Point-of-care testing in Healthcare systems for patient centered care.
- Accreditation of medical laboratories.
- Six sigma applications in clinical laboratories.
- Quality performance indicators.
- Clinical and laboratory updates on cancer biomarkers and hematological malignancies.
- Applications of Next Generation Sequencing in clinical practice.
- Newborn screening programs.
- Non invasive prenatal testing.
- Cervical cancer screening.
- Updates on Diabetes mellitus and renal diseases.
- Clinical applications of Mass Spectrometry.
- Analytical challenges and controversies in Clinical Chemistry.
- Emerging topics in laboratory medicine.

Target Audience

- Laboratory directors
- Laboratory supervisors/managers
- Laboratory administrators
- Quality managers
- Pathologists
- Clinical chemists
- Immunologists
- Molecular biologists
- Technologists
- IVD industry scientists
- Research scientists
- Healthcare professionals interested in laboratory medicine.
- Medical Students

CME Accreditation

Accredited by **HAAD** for
12.5 CME hours

Health Authority Abu Dhabi (HAAD) is one of the International CPD Accreditation Bodies recognized by the Qatar Council for Healthcare Practitioners-Accreditation Department (QCHP-AD)

Scientific Agenda

Thursday, Day 1 - March 23, 2017

Time	Topic	Speaker
07:30-08:30	Registration	
08:30-09:25	Opening Session (Welcome and Introduction) Moderator: Hisham Elbanawy, MD, PhD Conference Chairman, Regional Manager, Alborg Medical Laboratories, Qatar	
08:30-08:35	Opening Speech--Official Inauguration	
08:35-08:45	AACC Welcome and Overview Chief Executive Officer, American Association for Clinical Chemistry, Washington DC, USA	Janet Kreizman
08:45-09:00	Welcome Speech Chief Executive Officer, Alborg Medical Laboratories, GCC	Sameh ElSheikh, MD.
09:00-09:10	Learning objectives of the conference and CME information: Molecular Biology Head, Alborg Medical Laboratories, Jeddah, KSA	Rania Bedair, MD, PhD
09:10-09:25	Future of Laboratory Medicine: Executive Director, Advanced Diagnostic Solutions, Global Markets, Quest Diagnostics, USA	Stephen Becker
09:25-10:25	Morning Short Course: Laboratory Management Essentials Moderator: Ola Elgaddar, MD, PhD	
09:25-10:10	1. The Leadership Team: Contributing to Organizational Health 2. Influencing Your Leadership Team	Rodney Forsman, BS
10:10-10:25	Panel Discussion	
10:25-10:40	Break	
10:40-12:55	Oncology and Hematology Track Moderator: Hisham Shams, MD, PhD	
10:40-11:10	Screening for Cancer: Recommendations and Controversies	Shahinaz Bedri, MD FCAP
11:10-11:40	Association of BRCA1- and BRCA2 with Hereditary and familial Breast Cancer: The Saudi experience	Omalkhair Abulkhair, MD, PhD
11:40-12:10	Myelodysplastic Syndromes : Diagnostic Challenges and Helpful Hints	Rania Medhat Seliem, MD
12:10-12:40	The WHO is New: Updates to the diagnosis, risk-stratification, and management of polycythemia vera	Amina Hassab, MD, PhD
12:40-12:55	Panel Discussion	
12:55-13:55	Lunch Break	

Scientific Agenda

Thursday, Day 1 - March 23, 2017

Time	Topic	Speaker
13:55-14:55	Afternoon Short Course: Point of Care Testing in Healthcare Systems for Patient Centered Care Moderator: Hisham Elbanawy, MD, PhD	
13:55-14:40	Part 1: Getting Started	Jeanne Mumford MT(ASCP)
	Part 2: Maintaining Standards	MT (ASCP), MD
14:40-14:55	Panel Discussion	
14:55-17:25	Quality and Accreditation Track Moderator: Rania Mohamed El Sharkawy, MD, PhD	
14:55-15:25	Improving the Quality and Value of the Laboratory Self-Inspection	Ali Al Othaim, MD, D.E.S, D.I.U
15:25-15:55	Key Performance Indicators: Integrating the balanced-scorecard with lean six sigma metrics in clinical laboratory	Sahar El-Wakil. MD, PhD
15:55-16:25	Reducing Medical Errors - A Six Sigma Approach	Ashish Bhatia, MBBS, DCP, DNB
16:25-16:55	Stepping Out from the shadows; Disclosure of Errors in Pathology and Laboratory Medicine	Rania Medhat Seliem, MD
16:55-17:25	Panel Discussion	

Scientific Agenda

Friday, Day 2 - March 24, 2017

Time	Topic	Speaker
07:30-08:30	Registration	
08:30-09:30	MORNING SHORT COURSE: Clinical applications of Next Generation sequencing Moderator: : Adel Abdelmageed, MD, PhD	
08:30-09:15	Next Generation Sequencing in Clinical practice Next Generation Sequencing in Solid Tumors	Andrea Ferreira Gonzalez, PhD
09:15-09:30	Panel Discussion	
09:30-11:45	Emerging Topics in Laboratory Medicine Track Moderator: Laila Abdel Wareth, MBBCh, FRCPC, FCAP, EMHCA	
09:30-10:00	Current Status, challenges and future Perspective of Newborn Screening programs in the Kingdom of Saudi Arabia	Ali Al Othaim, MD, D.E.
10:00-10:30	The increasing role of Mass Spectrometry in the - Clinical Diagnostic Laboratory	Nigel J. Clarke, PhD
10:30-11:00	Advances in Pre-Natal Genetic Screen	Felicitas L. Lacbawan, MD, FCAP, FACMGG.
11:00-11:30	Cervical cancer screening, new thinking, new choices	Hisham Shams, MD, PhD
11:30-12:00	Panel Discussion	
12:00-14:00	Prayers and Lunch	
14:00-15:00	INDUSTRY WORKSHOPS	
14:00-15:00	Clinical Excellence and Operational Efficiency in Times of Financial Pressures	Abbott Diagnostics
14:00-15:00	Responsible Genomic Approaches using Advanced Diagnostics for Personalized Medicine.	Quest Diagnostics
15:00-17:30	Clinical Chemistry Track Moderator: : Samia Sobki, MD, PhD	
15:00-15:30	Diagnosing Diabetes with HbA1c in Sickle Cell Trait Patients	Laila Abdel Wareth, MBBCh, FRCPC, FCAP, EMHCA
15:30-16:00	How should we assess renal function in diabetes?	Eric Stephen Kilpatrick, MBChB, MD, FRCPATH FRCP Ed.
16:00-16:30	Practical Approaches to validate and Interpret Body Fluids Testing in the Clinical Laboratory	Waleed Tamimi, PhD
16:30-17:00	Laboratory investigations in Familial hypercholesterolemia	Khalid Al-Rasadi, BSc, MD, FRCPC, ABCL.
17:00-17:30	Panel Discussion	
17:30	Closing	

Faculty



Andrea Ferreira-Gonzalez, PhD

Andrea Ferreira-Gonzalez, PhD, was appointed Chair of the Division of Molecular Diagnostics, in the Department of Pathology at the Virginia Commonwealth University Health System (VCU) in July 2008. She has also been the director of the Molecular Diagnostics Laboratory at the VCU Health System since 1994.

Dr. Ferreira-Gonzalez has devoted over 25 years to the field of Molecular Diagnostics and has been recognized nationally and internationally for her work in this field. Dr. Ferreira-Gonzalez is an expert in molecular diagnostics in the area of genetics, oncology, personalized medicine, pharmacogenetics, and infectious diseases in transplantation. In addition, Dr. Ferreira-Gonzalez has played a major role in shaping national policy regarding the practice, reimbursement and guideline development for molecular diagnostics and molecular genetic testing.

At the national level, Dr. Ferreira-Gonzalez is a consultant for the U.S. Health and Human (HHS) Secretary for the FDA's Clinical Genetics Panel of the Medical Devices Advisory Committee, Center for Devices and Radiological Health. She served in the HHS Advisory Committee on Genetics, Health and Society (SACGHS) where she was the Chair of the SACGHS Task Force on Genetic Testing Oversight and on the Personalized Healthcare Workgroup. She also served as a member of HHS Clinical Laboratory Improvement Advisory Committee. She has been involved in the development of clinical guidelines with the Clinical Laboratory Standard Institute and Association for Molecular Pathology (AMP). Dr. Ferreira-Gonzalez also served as President of AMP and Chair of the Professional Relations Committee and currently is the Treasurer for the same organization. More recently, Dr. Ferreira-Gonzalez was approached by The White House Science and Technology office to serve on the Department of Justice and National Institute of Standard and Technology National Commission on Forensic Sciences. Dr. Ferreira-Gonzalez serves as a member of the Molecular Biology Education Committee for IFCC.

Dr. Ferreira-Gonzalez has over 90 peer reviewed publications in journal of high impact such as the New England Journal of Medicine, Clinical Chemistry, Journal of Molecular Diagnostics, Blood and Cancer Research. She also is the author of 11 chapters in books related to the practice of Molecular Genetics. Dr. Ferreira-Gonzalez received her PhD degree from the George Washington University in Washington D.C. in 1994 and previously a master's degree in Clinical Biochemistry from the National University of Cordoba, Argentina and she is board certified by the American Board of Bioanalysis as High Complexity Laboratory Director and Clinical Consultant.



Rodney W. Forsman

Rodney Forsman is an Assistant Professor Emeritus of Laboratory Medicine and Pathology in the College of Medicine at the Mayo Clinic in Rochester, Minnesota. He is also currently serving as the Secretary/Treasurer of the Clinical Laboratory Management Association.

Spanning the past five decades, Rod Forsman was a member of the Department of Laboratory Medicine and Pathology at Mayo Clinic in Rochester, Minnesota. He has participated in the expansion of that laboratory practice from a local outreach program to one serving thousands of hospitals worldwide. His roles have touched on nearly every aspect of laboratory service from technical operations to administration. Prof. Forsman has met with laboratorians and C-level hospital administration in all 50 states and observed their unique challenges while communicating successful approaches to capitalizing upon outreach development opportunities for their own laboratories. He has directed a three-day ACCME accredited workshop on the subject of “Community Laboratory Insourcing” which convened 25 times since 1996. These workshops have been attended by nearly 2,000 physicians, administrators, and managers.

Mr. Forsman has delivered more than 500 lectures to national professional meetings on various aspects of laboratory management. He is recognized as a strident communicator of the value of the clinical laboratory in medicine and has lectured to audiences in Portugal, South Africa, Russia, Mexico, Germany, Canada, and the U.S. on that subject. He has more than 50 publications on scientific and management topics.

Mr. Forsman actively participates in laboratory advocacy efforts together with the Clinical Laboratory Coalition, the Clinical Laboratory Management Association, and the American Association for Clinical Chemistry. He has been a member of the AMA Molecular Pathology CPT coding workgroup, the Mayo Public Affairs-Federal committee, The AACC Government Relations Committee, the CLMA Legislative Compliance and Regulatory committee and coordinated quality assurance, licensure, accreditation and legislative affairs for the department of laboratory medicine and pathology at Mayo Clinic.



Jeanne Mumford

Jeanne Mumford is currently the Pathology Manager over Point of Care Testing for Johns Hopkins Medicine, including two academic hospitals, three community hospitals and around 60+ ambulatory physician offices.

She obtained a Bachelor of Science in Medical Technology in 2000. She is the current President of KEYPOCC--Keystone Point of Care Coordinators.

Over the last 17 years, she has worked in various roles in laboratory medicine, including transfusion medicine, immunology, special chemistry, and laboratory management. Ms. Mumford offers years of experience in regulatory oversight, quality assurance projects, and laboratory inspection preparedness and planning.

She was part of the team responsible for building the laboratory files and implementing a universal EMR for Johns Hopkins Medicine.

Her team of point of care coordinators works closely with providers across the enterprise to support patients' needs by engaging, educating, and evaluating clinical testing personnel.



Dr. Sameh El Sheikh

CEO and Founder of Al Borg Medical Laboratories Co-GCC

Highly accomplished and visionary healthcare executive offering over 23 years of proven success. Result focused and effectual leader with proven ability to deliver and sustain revenue and profit. Excellent leadership, strong business acumen and comprehensive knowledge of the laboratory diagnostic marketplace. Possesses strategic planning skills and financial acuity to laboratory diagnostic business models and market development plans. Talent for proactively identifying opportunities, developing a focused market strategy and providing strategic business solutions to maximize growth and profitability. Capable of providing the vision, direction and guidance for growth. Excellent negotiation, analytical, presentation and implementation skills. Maintained an exemplary network of business associates through outstanding communications and interaction with senior leadership.



Nigel J. Clarke, Ph.D.

Vice President, Advanced Technology and Solution Development
Quest Diagnostics Nichols Institute

Dr. Clarke received his Ph.D. in Mass Spectrometry and Analytical Chemistry from the University of Kent at Canterbury in England, and completed postdoctoral fellowship training in Biomedical Mass Spectrometry at the Mayo Clinic in Rochester, MN. He was a Principle Investigator at the Schering-Plough Research Institute in Kenilworth, NJ where he ran the drug discovery metabolite identification group and worked at ActivX Biosciences (a biotechnology company) as Director of Mass Spectrometry before joining Quest Diagnostics Nichols Institute.

At Nichols Institute, Dr. Clarke is the Vice President for Advance Technology and Solution Development overseeing R&D groups which develop the LC-MS/MS and Immunology assays utilized across Quest Diagnostics. His staff is involved in training visiting scientists from other Quest Diagnostics business units, adopting the new technology and assays developed in Dr. Clarke's laboratory. He also oversees the running of LCMS assays across multiple operations laboratories within the Quest network.

Dr Clarke is involved in several academic collaborations with groups at multiple sites including Cedars-Sinai, the CDC and Massachusetts General Hospital and UCSF, utilizing the LC-MS/MS assays he and his group has developed to create and refine standardized reference ranges for both clinical studies and diagnostic usage.

He has published widely on his use of mass spectrometry in a variety of biological arenas, is a reviewer for multiple journals and received multiple awards including the Michael Barber Award for Mass Spectrometry, The President's Award for Discovery from the Schering-Plough Research Institute and the Medical Innovations Award from Quest Diagnostics.



Felicitas L. Lacbawan, MD, FCAP, FACMGG

Quest Diagnostics, USA

Felicitas L. Lacbawan, MD, FCAP, FACMGG is the Medical Director of Genetics and Advance Diagnostics, VarlQTM (Variant Annotation), and Oncology (Germline) at Quest Diagnostics, Nichols Institute. Dr. Lacbawan is board certified in four medical specialties, ABMG-ABP Molecular Genetic Pathology (MGP), ABMG Clinical Genetics, ABP Anatomic Pathology, and ABP Clinical Pathology. The combination of her academic, clinical and research experiences is uncommon and she has been in the genetics and genomics field for 20 years. She served as a faculty member in various medical institutions with highest rank of Clinical Professor. Prior to joining Quest in 2015, she was the Section Head of Molecular Pathology at the Robert J Tomsich Pathology and Laboratory Medicine Institute, Cleveland Clinic with responsibilities of Chair of the Department of Molecular Pathology after its reorganization. She led the reorganization and launched unprecedented number of in-house developed molecular tests as well as process improvements in genetics and genomics, hematopathology, oncology, and cytogenomics. She initiated the genetics/genomics test review (GGTR) utilization management (UM) and led the accreditation of the MGP Fellowship program of the Clinic. She established and directed two other accredited molecular genetics and molecular pathology laboratories. She held various clinical and academic leadership positions at the National Human Genome Research Institutes (NHGRI)-National Institutes of Health (NIH), Children's National Medical Center (CNMC), George Washington University School of Medicine and Health Sciences, SUNY-Downstate College of Medicine and Lombardi Cancer Center, Georgetown University Medical Center. She practiced clinical genetics for more than 10 years in hospitals within the metropolitan Washington, DC area and conducted clinical genetics research and bench work at NHGRI-NIH and CNMC under an NIH interagency agreement. She remains a special volunteer with the Undiagnosed Disease Program of the NIH to this day. Her research and scholarly work are on clinical molecular genetics and molecular pathology, including neurologic, developmental, connective tissue and vascular disorders, chromosomal anomalies, pharmacogenomics, cancer, laboratory proficiency, test verification, and GGTR and UM. She served in expert panels in the various national and international meetings, committees and working groups of professional societies, regulatory and prominent government organizations and the healthcare industry including the CAP, ACMGG, CDC, Roche Molecular Center of Excellence, CLSI, and NCI-NIH Think Tank.



Stephen E. Becker

Executive Director, Advanced Diagnostic Solutions, Global Markets
Quest Diagnostics

Stephen Becker is currently the Executive Director, Advanced Diagnostics Solutions, Global Markets, for Quest Diagnostics, Inc. Prior to this role he was the Executive Director, Neurology Solutions, Quest Diagnostics. He came to Quest through the acquisition of Athena Diagnostics, a leader in rare disease and neurological molecular diagnostics where he was the Executive Director of Sales and Marketing. During his tenure with the neurology business of both Athena and Quest he oversaw the development and market release of over 100 molecular diagnostics assays for neurology and other rare genetic disorders. Prior to Athena, he was Executive Vice President of Commercial Operations at RainDance Technologies, Inc., Other past employers where he held leadership positions included Agilent Technologies, GE Healthcare, Amersham Pharmacia Biotech, Spectrum Chemicals and Coulter Diagnostics.

From a technology perspective Mr. Becker has deep expertise in molecular diagnostics technologies such as Next Generation Sequencing, Chromosomal Microarray, Mass Spectrometry, Proteomics and Bioinformatics. He was directly involved with the human genome project. His passion lies with bringing technologies such as these to the bedside providing personalized and precision medicine solutions delivering better outcomes for patients.



Prof. Eric S. Kilpatrick

Sidra Medical and Research Center, Doha, Qatar

Professor. Eric Kilpatrick is the Division Chief in Clinical Chemistry at Sidra Medical and Research Center and is honorary full Professor of Clinical Biochemistry at Hull York Medical School in the UK. He is also the former President of the Association for Clinical Biochemistry and Laboratory Medicine in the UK and currently Chairs the Scientific Committee of the European Federation of Clinical Chemistry and Laboratory Medicine. After graduating in medicine from the University of Glasgow in 1988, Prof. Kilpatrick trained in Clinical Biochemistry in Glasgow and then Manchester before being appointed as the consultant Head of Department of Clinical Biochemistry at Hull Royal Infirmary in 1998. He subsequently led the 250 staff there from all laboratory disciplines as Clinical Director for Pathology.

Academically, he gained his higher MD degree from Glasgow in 1996, with his thesis combining his interest in the laboratory medicine and clinical diabetes. Since then, he has become an international authority on assessing glucose control in diabetes and has published over 150 articles peer-reviewed articles contributing, in 2006, to him becoming the first honorary full Professor from Hull at Hull York Medical School.

Prof Kilpatrick's other leadership roles include being Chair of national audit in his field of medicine between 2004 and 2010 as well as providing expert advice to the UK Government and the National Institute for Health and Care Excellence (NICE) on aspects of diabetes care.

Prof. Kilpatrick's work has also led to him to become a seasoned presenter at diabetes and clinical biochemistry conferences, including over 25 international meetings in the last decade. He has additionally gained recognition by receiving international lectures and awards from countries such as the UK, Canada and Australia.



Dr. Ali Alothaim, MB BS , D.E.S. , D.I.U.

King Abdul Aziz Medical City ,Saudi Arabia

French board in Chemical Pathology – Biochemical Genetics

Currently Head Division Toxicology – Biochemical Metabolic lab at King Abdulaziz Medical City and Assistant Professor in King Saud Bin Abdulaziz University for Health Science. Dr.Alothaim graduated from Paris Descartes University in France with French Board in Specialized clinical Chemistry and further sub specialized in Metabolic Biochemistry (Inborn Errors of Metabolism). Upon his return from Scholarship in 2011, he participated in implementation of Newborn Screening Program and testing at National Guard Hospital in Riyadh.

During his scholarship in France , he rotated in all the reference centers of metabolic disorders in Paris like Necker Hospital, Robert Debre Hospital and Saint Louis Hospital .



Dr. Amina Hassab

Professor of Clinical Pathology
Alexandria University, Egypt

Dr Amina obtained her bachelor degree of Medicine and Surgery from Alexandria School of medicine in Egypt. she then obtained her masters degree in Microbiology and Immunology from Oklahoma state university (OSU) in USA where she was appointed as teaching assistant from 1976 up to 1979 teaching graduate students Immunology & Virology Courses. In 1988, she obtained her doctorate degree in Clinical and Chemical Pathology. From 1998 till 2005, Dr Amina had contributed to the establishment and development of the immunology laboratory in the Clinical Pathology department. She was appointed as manager of all laboratories and Chairman of Clinical and Chemical Pathology department in Alexandria Faculty of Medicine. She managed to improve the methods used back then from manual to automation together with introduction of Lab Information System. She then got focused on the improvement of the quality of performance, she directed a series of workshops from 2006 till 2017 aiming to spread the culture of quality performance among laboratory professionals in Egypt, this education led to the pursue of accreditation by many labs in Egypt



Dr. Hisham Shams

Alborg Medical Laboratories, Saudi Arabia

Dr. Hisham obtained his Bachelor degree of medicine and surgery from Kasr El-Aini school of medicine in Cairo University, followed by residency of Clinical Pathology, and subsequently had a Clinical Master's degree and Clinical PhD in Clinical Chemistry. He worked as a fellow in the National cancer institute, Cairo University, and as a medical director of laboratory medicine department in Saudi German Hospital-Jeddah.

He is currently the Group Medical Director of Alborg medical laboratories in the GCC.

He is also the head of the accreditation compliance department in the same organization.

Dr. Hisham has publications the field of hematology and was a speaker in many events. Of the topics he likes to talk about is laboratory preventive role in healthcare.



Dr. Rania Bedair, MD, PhD

Al Borg Medical Laboratories, KSA

Dr. Rania Nabil Bedair is a lecturer of Chemical Pathology in Medical Research Institute, Alexandria University. She is currently the head of Molecular Diagnostics, Analytical Chemistry and Newborn screening units in Alborg Medical Laboratories, HQ, KSA.

After graduating from Alexandria University School of Medicine in 2003, Dr Rania had joined the Chemical pathology department as a resident where she completed her clinical attachment and got her masters and MD degrees in Chemical Pathology. She was appointed as an assistant lecturer, then a consultant and a lecturer of Chemical Pathology in Alexandria University. She joined Hassab Medical laboratories in 2006 where she was a member of the team responsible for achieving the ISO 15189 accreditation. In Hassab labs, Dr Rania was appointed as head of immunoassay unit, head of Molecular Biology unit then Technical manager for all technical departments.

Dr Rania has attended and participated in a lot of scientific conferences and workshops in the field of laboratory medicine and Molecular Biology and has publications in reputable peer-reviewed journals.



Dr. Sahar EL- Wakil

Dr. Sahar El-Wakil was born in Cairo Egypt; she received her Bachelor degree in internal medicine & general surgery, her master degree in Clinical and chemical pathology and her doctoral degree in hematopathology from Faculty of medicine, Cairo University.

She studied laboratory quality management and earned Capstone certificate in laboratory Quality Management from Wisconsin university school of medicine and public health, Madison.

She interned and served her residency of clinical pathology in faculty of medicine, Cairo University and also served as registrar, researcher and consultant hematopathologist at Cairo university hospitals.

She moved to Saudi Arabia and joined Saudi German hospital where she worked for ten years as consultant hematopathologist, laboratory quality manager and clinical laboratory director.

Currently she is working as consultant hematopathologist , clinical laboratory and blood bank chairperson in Dr Soliman Fakeeh hospital in Jeddah.

She has many nationally and internationally published scientific researches, her research interests focus on hematopathology, blood bank and laboratory quality management.

She has presented several workshops, lectures and seminars in Laboratory quality assurance, quality control, method validation and quality planning.



Dr. Waleed Tamimi

PhD in Biochemistry from University of Essex (UK)

Fellowship in Clinical Chemistry at Barnes Hospital, Washington University, St. Louis, USA
Board Certified as consultant from National Registry for Clinical Chemistry (NRCC) (USA)
Head of Clinical Chemistry Lab, King Fahad National Guard, Riyadh, Saudi Arabia
Associate Professor, College of Medicine, King Saud University for Health Sciences, Riyadh
President of Saudi Society for Clinical Chemistry
65+ publications in peer reviewed journals, 45+ poster abstracts



Dr. Omalkhair Abulkhair

Chairman, Hematology/Oncology Department
Specialized Medical Center Hospital
Riyadh, Kingdom of Saudi Arabia

Dr. Omalkhair Abulkhair is currently the Chairman of Hematology/Oncology Department in the Specialized Medical Center Hospital – Riyadh, Kingdom of Saudi Arabia and Assistant Professor in King Saud bin Abdulaziz University for Health Sciences. She is also currently appointed as Chairman for Breast Cancer Research at King Abdullah International Medical Research Center (KAIMRC), Riyadh.

Being one of the renowned oncologists in the Middle East, she was nominated to be part of the Women in High Places: Fight Against Cancer, an international organization of prominent women in their respective areas. She is the Course Director of major symposia which is the “Middle East Best of San Antonio Breast Cancer Symposium” and “Cancer Prevention and Early Detection Symposium”. She was also selected as the Chairman for MENA-NCCN Guidelines Committee for Breast Cancer. This committee aims to unify the guidelines for breast cancer management in the region. Furthermore, Dr. Abulkhair has written numerous publications and abstracts which leads to receiving 3 awards for best abstract. She has also contributed as speaker and chairperson to various conferences she has attended.



Dr. Khalid Al-Rasadi

Sultan Qaboos University ,Oman

Dr. Khalid Al Rasadi was born in Oman where he studied medicine and obtained his Medical Degree in 1998. Dr. Al Rasadi obtained his postgraduate training in Medical Biochemistry at McGill University in Canada during 2002-2006. He spent another two years in Canada, working as scientist at the Royal Victoria Hospital, McGill University, under the supervision of Prof. Jacques Genest. There he performed a number of studies on the molecular genetics of familial hypercholesterolemia and hypoalphalipoproteinemia. In that period Dr. Al Rasadi also received training at the lipid clinic of the Royal Victoria Hospital, McGill University. He was also awarded a certificate in Clinical Lipidology by the National Lipid Association in the United State in 2008.

Dr. Al Rasadi is the Head of Department of Biochemistry at the Sultan Qaboos University in Oman and head of lipid and LDL-Apheresis unit at Sultan Qaboos University Hospital. He is one of the founder members of the Oman Society of Lipid and Atherosclerosis (OSLA) and its current President. He is also the founder of the Arab States of the Gulf (GCC) Familial Hypercholesterolemia Foundation and its current President. He contributed significantly to the recognition of OSLA as an active society nationally and internationally by promoting meetings aimed at education and general awareness relating to lipid disorders and atherosclerosis. He organized conferences involving experts in the field of lipid research. His activities include public outreach meetings in Oman. International collaboration has also been initiated via OSLA. OSLA has received the IAS-Pfizer educational grant for the management of dyslipidemia in the Gulf region.

Dr. Al Rasadi is a member of national and international medical associations and a member of Oman Medical Journal and BBA-Clinical Journal editorial board. Dr Al-Rasadi is an Editor in-Chief, OSLA section in the Open Cardiovascular Medicine Journal. He is an International Atherosclerosis Society (IAS) executive board member and assessor for Fellowships. He has around 68 publications and 1 chapter book (total Citations 949, H-Index: 12).



Dr. Laila O. Abdel-Wareth, MBBCh, FRCPC, FCAP, EMHCA

Cleveland Clinic, Abu Dhabi, UAE

Dr. Laila Abdel- Wareth is currently the Chief of Clinical Pathology at the Pathology & Laboratory Medicine Institute- at Cleveland Clinic Abu Dhabi. Graduated as a medical doctor from Faculty of Medicine, Ain Shams University Cairo, Egypt she then went ahead and did her post graduate training at the University of British Columbia- Canada and obtained the Canadian and American boards in Medical Biochemistry and Clinical Pathology respectively. She also obtained a Masters Degree in Healthcare Administration (EMHCA) from Zayed University, UAE.

Dr. Abdel Wareth previous employment was at British Columbia Children's & Women's Hospital in Vancouver- Canada, followed by Mafraq & SKMC hospitals in Abu-Dhabi. Her last appointment prior to joining CCAD was as a Chief Medical Officer of Pathology & Laboratory Medicine Services at SEHA and the Chair of Pathology & Laboratory Medicine Department at Sheikh Khalifa Medical City. Abu Dhabi, UAE.

She is an active member in various scientific societies and has several publications to her credit in the field of laboratory medicine. Dr. Laila is a recipient of Dr. Arthur Bloomfield Award for Excellence in Medical Education as well as Sheikh Rashid Award for Scientific Outstanding.



Dr. Rania Medhat Seliem

Consultant Hematopathologist
Chair, Laboratory Medicine Department and Hematology Unit
Associate Professor , Dubai Medical College
Rashid Hospital, Dubai Health Authority

Dr. Seliem did her Anatomic and Clinical pathology Residency in Baystate Medical Center, Tufts University, USA after doing two years of research in Columbia University in St. Luke's –Roosevelt hospital in New York City. She then joined Massachusetts general Hospital, Harvard Medical School as a Senior/Chief resident in Anatomic and Clinical pathology then completed both Surgical Pathology and Hematopathology Fellowships in the same institution. She successfully obtained the American Board in Anatomic/ Clinical pathology and Hematology in 2005 and 2006.

She joined the Pathology and laboratory medicine department in Dubai Health Authority as a Hematopathology consultant and has been appointed as the chair of Rashid Hospital Pathology Department and hematology unit since December 2006.

Dr. Rania has several publications in the field of hematology, especially neoplastic Hematopathology. She is the chair of several scientific committees and the scientific chair of the Emirates Society of Hematology (ESH) since 2012. She also hold an academic position in Dubai Medical college as an associate professor. Her main areas of interest are Neoplastic Hematopathology and Flow cytometry and she is especially interested in improving the Healthcare practices and quality standards in the United Arab Emirates.



Dr. Ashish Kumar Bhatia

Masters in Science - Healthcare Management from Swansea University, Swansea, Wales 2015

Post Graduate Diploma in Business Administration from Institute of Management Technology, Ghaziabad 2004

Diplomate of National Board - DNB (Pathology) from National Board of Examinations, New Delhi 2000

Diploma in Clinical Pathology – DCP from Department of Pathology, AFMC, Pune 1998
Bachelor of Medicine & Surgery from MSR Medical College, Bangalore 1994

Dr Ashish has a 17- year of experience as Pathologist (General) with having a profound experience in evaluating feasibility and suitability of various healthcare projects, leading to its timely completion including the establishment of processes for their successful operations. The wealth of expertise also includes New Business Development, New Lab Set-Ups, Sales & Marketing, Administration, Training & Development as well as Quality Control & Assurance.

Dr Ashish is a strong believer that the right mix of leadership style can lead the healthcare team towards establishment of an error free working environment along with deployment of effective and efficient human and work processes

In addition, Dr Ashish is a Certified Internal Auditor for ISO 15189:2012, Dubai Accreditation Council, Dubai, UAE and Certified in Six Sigma Green Belt, BSI.



Dr. Shahinaz Bedri, MD FCAP

Dr. Bedri is an Adjunct Assistant Professor of Pathology and Laboratory Medicine at Weill Cornell Medicine in Qatar. She received her MD from the University of Khartoum and completed her postgraduate training in Pathology at both Tufts University, and Harvard Medical School where she completed a three-year fellowship in cardiac pathology. She is a board certified anatomic pathologist with more than fifteen years experience in diagnostic surgical pathology with a focus on breast, reproductive oncologic pathology and immunohistochemistry. Her clinical and research interests are in translational research in particular in both breast and cervical cancer and she has more than twelve years of experience running translational core facilities and studies. Her current research focuses on the tumor microenvironment in breast cancer and the role of tumor infiltrating lymphocytes. Dr. Bedri also conducts research on the role of cytotoxic CD8 T-lymphocytes within the tumor environment and specifically their role as a prognostic marker of disease-free survival in breast cancer. She is also involved in the development of an Immunoscore for invasive breast cancer as a prognosticator. She is a member of the Immunoscore Task Force, an international consortium of scientists and physicians.

Her research in cervical cancer focuses on identifying surrogate biomarkers of cervical neoplasia in low-income settings and in cervical cancer screening. She is also currently focusing on TIL in patients with HPV related cervical cancer as a survival prognosticator.

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For registration and further information, please contact

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