

PURELAB⁺

LIFE

Laboratory Insights for Excellence

**CONFERENCE
BOOK**

**22 - 23 October, 2024
Address Sky View Hotel,
Dubai, UAE**

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Welcome Message

Dear Colleagues,

On behalf of the Scientific and Organizing Committees, I am delighted to welcome you to the LIFE - Laboratory Insights for Excellence, 2024 Conference, taking place on October 22-23, 2024, at the Address Sky View Hotel, Dubai, UAE.

This conference promises to be an extraordinary gathering of brilliant minds, dedicated professionals, and esteemed experts in the fields of pathology and laboratory medicine. Our aim is to create an inspiring platform where knowledge, innovation, and collaboration can flourish.

Over the course of these two enriching days, we have crafted a comprehensive program that explores the latest advancements, emerging trends, and transformative research shaping the landscape of our field. Our distinguished speakers, known for their expertise and significant contributions, will share their insights, spark discussions, and encourage us to challenge the boundaries of conventional practices.

Additionally, this conference offers numerous opportunities for networking, allowing you to connect with like-minded individuals and cultivate collaborative relationships. We firmly believe that collaboration is key to driving progress and achieving breakthroughs in our profession.

Beyond the invaluable learning experiences, we invite you to immerse yourself in the vibrant ambiance of Dubai. Discover the city's rich culture, indulge in its culinary delights, and create lasting memories in this remarkable destination.

Together, we strive to elevate the standards of pathology and laboratory medicine, and your presence is essential in realizing this vision.

This gathering is set to uphold the highest standards of scientific and educational excellence while providing an ideal venue for networking with both national and international participants. We encourage you to seize this opportunity for growth, exchange ideas, and contribute to our collective pursuit of excellence.

We warmly welcome each of you to the beautiful city of Dubai to celebrate the remarkable achievements in pathology and laboratory medicine and to inspire one another toward future breakthroughs.

Thank you once again for your participation. We look forward to a successful, impactful conference and an unforgettable experience.

Dr. Carlo Kaabar

Conference Chairman

Medical Director, PureLab-North, UAE



Conference Committee

Co-Chairman Scientific Committee



Dr. Carlo Kaabar
Conference Chairman
Chair, Scientific Committee
Medical Director, Abu Dhabi,
PureLab-North, UAE



Dr. Stefan Weber
Co-chair, Scientific Committee
Medical Director, PureLab-South
Abu Dhabi, UAE



Dr. Eiman Al Zaabi
Chair of Pathology and Laboratory
Medicine, Sheikh Shakhboub
Medical City, Abu Dhabi,
PureLab, UAE



Dr. Timothy Anthony Collins
Consultant Medical Microbiologist
& Laboratory Chair, Tawam Hospital,
Al Ain, Abu Dhabi, PureLab, UAE



Dr. Mohamed Abdelhadi
Consultant clinical pathology,
Head of laboratory, Sheikh Khalifa
Medical City, Ajman,
PureLab, UAE



Dr. Ritamoni Sengupta
Specialist Physician
Al Qassimi Women and
Children Hospital, Sharjah,
PureLab, UAE



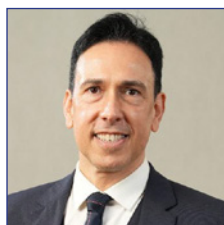
Dr. Joowon Oh
MD, Ph.D., Consultant Physician
in Molecular Genetic Pathology
Lead, Genetic Center, STMC,
PureLab, UAE



Speakers



Dr. Matthew Cook
Physician and Founder of
BioReset Medical, Silicon Valley,
USA



Prof. Joao Ponciano
Professor of Transnational Higher
Education, (Systems, Power, Energy)
Co-Director Centre for Educational
Development and Innovation
Glasgow University Vice Dean Glasgow
College UESTC, UK



Dr. Aaron Han
Consultant Pathologist
Owner ASA-MEDLAB,
UAE/KSA/USA



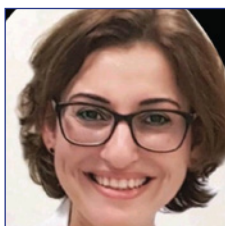
Dr. Karolina Kobus
Chief Scientific Officer / Molecular
Genomics & Precision Medicine Consultant
BCT Laboratories / HelicaseMe
GCC (UAE, Bahrain, KSA)



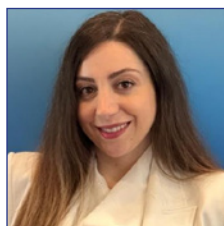
Mr. Rudi Schmidt
COO, Institute for
Healthier Living,
Abu Dhabi, UAE



Dr. Bhawani Bhatnagar
Senior Vice President,
Clinical Innovation
National Health Insurance Company,
Daman, Abu Dhabi, UAE



Ms. Hilda Mahmoud Allam
Lecturer - Chair of Clinical
Training Committee
Department of Medical
Laboratory Sciences
College of Health Sciences
University of Sharjah, UAE



Ms. Nour Boutros
Group Lead
Talent & Performance
Purehealth Group, UAE



Mr. Ali Rizvi
Executive Director People &
Organization
PureHealth Group, UAE



Dr. Nouf AlMarzooqi
Prosthodontist
SEHA, Abu Dhabi, UAE



Speakers



Mr. Ahmed Ismail Al Zarooni
Executive Vice President –
Customer Experience
Daman, UAE



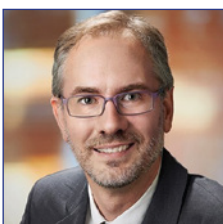
Dr. Stefan Weber
Co-chair, Scientific Committee
Medical Director, PureLab-South
Abu Dhabi, UAE



Dr. Sambit Mohanty
Director of Surgical and
Oncopathology, Senior Consultant
of Molecular Pathology,
and Head of Clinical Research
CORE Group of laboratories,
Gurugram, India



**Dr. Fatima AbdulAziz
Ahmed AlAli**
Consultant Pediatric
Clinical Geneticist
Al Qassimi Women's and
Children's Hospital, Sharjah, UAE



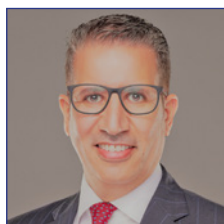
Dr. Brian Richard Jackson
Adjunct Professor of Pathology
University of Utah,
Salt Lake City, Utah, USA



Mr. Cenk Tasanyurek
Managing Director,
Management Consultant,
Leadership and Team Development
Expert, Facilitator Truvian Partners,
Abu Dhabi, UAE



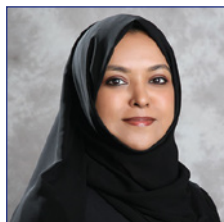
Dr. Alison Finall
Consultant Anatomical
Pathologist
Burjeel Medical City,
Abu Dhabi, UAE



Dr. Omar Najim
Executive Director of Healthcare
and Life Sciences in
United Al Saqr Group
Former director of executive
affairs and special project in
Abu Dhabi - DoH



Mr. Faizan Haseeb
Digital Health Solutions Executive
Abbott Laboratories GmbH, UAE



Dr. Nahida Navez Ahmed
Chief Medical Officer
Sakina Mental Health & Wellbeing
Services, Consultant Psychiatrist
Chair of BH Council- SEHA
Chair of MH Taskforce- DOH,
Abu Dhabi, UAE



Conference Objectives

At the end of this educational activity, participants will be able to:

- Discuss state-of-the-art research and the latest advancements and emerging trends in pathology and laboratory medicine.
- Explore innovative diagnostic techniques and technologies that are transforming the field of pathology.
- Enhance knowledge and skills in the interpretation of laboratory tests and diagnostic procedures for accurate disease diagnosis.
- Learn best practices in quality assurance and quality control in pathology laboratories to ensure accurate and reliable test results.
- Discuss the challenges and opportunities in laboratory management, including workflow optimization, resource allocation, and cost-effectiveness.
- Discuss and address the ethical, legal, and social implications of advances in pathology and laboratory medicine.
- Enhance communication and collaboration between pathologists, laboratory professionals, and other healthcare providers for integrated patient care.
- Engage in interactive case discussions and problem-solving sessions to improve diagnostic skills and decision-making abilities.

Who Should Attend?

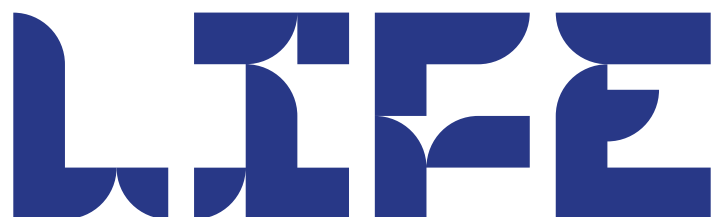
The LIFE - Laboratory Insights for Excellence, 2024 is designed to cater to a diverse audience of professionals, researchers, educators, and students involved in the field of pathology and laboratory medicine. The conference welcomes the following individuals:

- Pathologists
- Laboratory Scientists and Technologists
- Physicians, clinicians, nurses, and other healthcare providers who work closely with pathologists and laboratory professionals in the diagnosis and management of patients.
- Laboratory directors, laboratory managers and Lab supervisors
- Quality assurance personnel
- Fellows, residents and trainees pursuing careers in pathology and laboratory medicine.
- Policy Makers and Regulators involved in healthcare policy, regulation, and accreditation bodies responsible for setting standards and guidelines in pathology and laboratory medicine and other healthcare professionals interested in laboratory medicine.

Why Attend?

This conference will feature inspiring speakers, interactive sessions, and multiple opportunities to network and share lessons and success stories:

- **Cutting-Edge Knowledge:** Stay at the forefront of pathology and laboratory medicine by gaining access to the latest advancements, research findings, and emerging trends in the field.
- **Professional Development:** Enhance your knowledge, skills, and competencies through engaging sessions, workshops, and interactive discussions.
- **Networking Opportunities:** Connect and collaborate with a diverse community of professionals, including pathologists, laboratory scientists, researchers, and industry leaders.
- **Discover Innovations:** Explore the latest advancements in diagnostic techniques, laboratory technologies, and digital pathology.
- **Knowledge Sharing:** Share your own research, experiences, and insights with a receptive audience.
- **Continuing Education:** Earn continuing education credits by attending the conference sessions and workshops, which can contribute to your professional development and maintain your professional certifications.
- **Inspirational Keynote Speakers:** Be inspired by influential keynote speakers who have made significant contributions to the field of pathology and laboratory medicine.
- **Global Perspectives:** Gain a broader understanding of pathology and laboratory medicine by engaging with attendees from around the world. Exchange ideas, learn from different healthcare systems, and embrace diverse perspectives that can enrich your professional practice.



Laboratory Insights for Excellence

Address Sky View Hotel, Dubai, UAE

General Information

Venue

Dubai is truly a one-of-a-kind destination, unlike anywhere else. The city is vibrant, modern and is known for being the safest city in the world. It's ideally positioned so that half of the world's population is within a five hour flight. Dubai's year round sunshine along with its growing knowledge economy and numerous attractions are all enabling the city to emerge as a popular business hub and a favoured spot for tourists.

Name Tags

Participants are required to wear their name tags throughout the meeting in order to be admitted to the lecture halls and other scheduled activities.

Refreshment and Lunch

Refreshment and lunch will be offered in accordance with the breaks indicated on the Agenda.

Cyber Internet

Free internet will be available in the exhibition area during the conference.

Mobile Phones and Photography

Participants are kindly requested to keep their mobile phones silent mode in the conference hall and refrain from taking photographs during sessions.

CME Accreditation

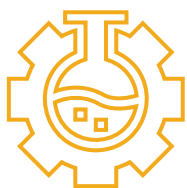
The LIFE Laboratory Insights for Excellence accredited by the Department of Health Abu Dhabi (DOH) and has been designated for a maximum of **14.15 CME Hours**.

MECMP-2024-005753

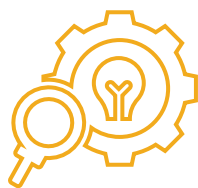
DAY 1, Tuesday 22/10/2024 is Accredited for 7.25 CME Hours

DAY 2, Wednesday 23/10/2024 is Accredited for 6.9 CME Hours

Conference Themes



**Excellence in
Laboratory
Management**



**Excellence in
Research and
Innovation**



**Excellence
in Clinical
Diagnosis**



**Excellence in
Quality
Management**



**Excellence in
Point of Care
Testing**

Scientific Program

Day 1 | October 22, 2024 | Tuesday

TIME	TOPIC	SPEAKER
09:00-10:15	Registration	
10:15-10:30	Welcome & Opening Remarks	
Session 1: Moderator: Dr. Carlo Kaabar		
10:30-11:00	Keynote Speaker: Functional Medicine, The Laboratory and AI: What's Next?	Dr. Matthew Cook, USA
11:00-11:30	Managing Laboratory Data and Preventive Medicine	Prof. Joao Ponciano, UK
11:30-11:45	Q & A / Panel Discussion	All Speakers
11:45-12:00	Coffee Break	
12:00-12:30	Has Digital Pathology Improved Diagnostic Accuracy and Patient Care?	Dr. Aaron Han, KSA
12:30-13:00	Is NGS a Viable Option for Population-Wide Screening, including Newborn Screening?	Dr. Karolina Kobus, UAE
13:00-13:15	Q & A / Panel Discussion	All Speakers
13:15-14:00	Lunch & Prayer Break	
Session 2: Moderator: Dr. Carlo Kaabar		
14:00-14:30	Precision Medicine, Real-World Data and Public Health	Mr. Rudi Schmidt, UAE
14:30-15:00	Genetics Testing and Insurance: Current and Future Challenges	Dr. Bhawani Bhatnagar, UAE
15:00-15:30	Career Development Support for Laboratory Professionals: Are We Doing Enough?	Ms. Hilda Mahmoud Allam, UAE
15:30-15:40	Building Sustainable Talent Pipelines: The Art of Mentorship, Knowledge Transfer and Succession Planning in Healthcare	Ms. Nour Boutros, UAE
15:40-15:55	Panel Discussion – mixing different generations and levels to share their insights and experiences	Mr. Ali Rizvi, UAE
15:55-16:00	Q&A	Dr. Nouf AlMarzooqi, UAE
16:00-16:15	Q&A / Panel Discussion	Mr. Ahmed Ismal Al Zarooni, UAE
16:15-16:30	Coffee Break	
Session 3: Moderator: Dr. Eiman Al Zaabi		
16:30-17:00	The Human Microbiome and Advances in Metagenomics	Dr. Stefan Weber, UAE
17:00-17:30	Advances in Precision Medicine: Role of the Laboratory in Tailored Healthcare	Dr. Sambit Mohanty, India
17:30-18:00	Inborn Errors of Immunity	Dr. Fatima Abdulaziz AlAli, UAE
18:00-18:15	Q & A / Panel Discussion	All Speakers
18:15	END OF DAY 1	

Scientific Program

Day 2 | October 23, 2024 | Wednesday

TIME	TOPIC	SPEAKER
09:00-10:00	Registration	
10:00-10:15	Welcome & Opening Remarks	

Session 4: Moderator: Dr. Stefan Weber

10:15-10:45	Patient Experience in the Laboratory; More Than Blood Collection	Mr. Cenk Tasanyurek, UAE
10:45-11:15	The Responsible Use of Artificial Intelligence in Medical Diagnostics	Dr. Brian Richard Jackson, USA
11:15-11:45	Coffee Break	
11:45-12:15	The Driving Forces of Laboratory in the Era of AI, Longevity and Precision	Dr. Omar Najim, UAE
12:15-13:00	Q & A / Panel Discussion	All Speakers
13:00-14:15	Lunch & Prayer Break	

Session 5: Moderator: Dr. Stefan Weber

14:15-14:45	The Need for Better Interoperability and Exchanges: The Elusive Combined Laboratory Report	Dr. Alison Finall, UAE
14:45-15:15	Innovation Beyond the Laboratories	Mr. Faizan Haseeb, UAE
15:15-15:45	Mental Health and the balance between private life and work	Dr. Nahida Navez Ahmed, UAE
15:45-16:15	Q & A / Panel Discussion	All Speakers
16:15	END OF CONFERENCE	

SPEAKERS' BIOGRAPHY & TALK OVERVIEW

Speakers' Bio & Talk Overview

(Day 1) Session 1 - LIFE Laboratory Insights for Excellence



Dr. Matthew Cook

Physician and Founder of
BioReset Medical, Silicon Valley,
USA



Dr. Cook's innovative contributions to the field have solidified his reputation as a renowned thought leader in longevity and regenerative medicine. With over 20 years as an anesthesiologist, he has spent the last 14 years specializing in functional and regenerative medicine, where his extensive knowledge of biologics and peptides has established him as a foremost authority.

He serves as a Peptide Fellow for the American Academy of Anti-Aging Medicine, further enhancing his standing as a pioneering figure in global regenerative medicine.

Keynote Speaker: Functional Medicine, The Laboratory and AI: What's Next?

1. Introduction to Functional Medicine & Longevity
2. The Role of Laboratories in Functional Medicine
3. Biomarkers for Longevity

Speakers' Bio & Talk Overview

(Day 1) Session 1 - LIFE Laboratory Insights for Excellence



Prof. Joao Ponciano

Professor of Transnational Higher Education
(Systems, Power, Energy)
Co-Director Centre for Educational
Development and Innovation
Glasgow University Vice Dean Glasgow
College UESTC, UK



Eur. Ing. Professor João Ponciano started his career as a researcher for the International Organisation for Nuclear Research (CERN) in Geneva, working on the West Area Neutrino Facility and North Area 48. Since then João has held several positions in teaching and management in higher education at institutions across the UK, Middle East, Africa and Asia.

João authored and managed a European Social Fund Project in Women in Engineering contributing to widening participation and inclusion of women engineers, developed and ran world-class innovative academic practice methods in Career Development, Employability and designed and managed staff workload models.

His management and leadership practices have warranted João the grade of Fellow of the Institute of Leadership and Management. In the UAE João led the review of all of the University of Wollongong's Dubai educational policies and procedures for accreditation under the Commission for Academic Accreditation (CAA) of the Ministry of Education.

João has published in the areas of educational practice, in particular employability and career development. He is an editorial board member of two international journals.

João is currently the Co-Director of the Centre for Educational Development and Innovation at Glasgow University Vice Dean Glasgow College UESTC and responsible for the management and operation of a long standing partnership between the University of Glasgow and the University of Electronics Science and Technology of China and holds the directorship of the Ascroft Medical Laboratory in Oldham, Manchester.

Managing Laboratory Data and Preventive Medicine

The topic will delve into the vital role of laboratory data management in advancing preventive medicine. Participants will explore strategies for efficiently collecting, analyzing, and utilizing lab data to identify potential health risks and support early interventions. It will highlight the use of advanced technologies and data integration methods, addressing challenges such as data accuracy, privacy, and interoperability, to improve patient outcomes and inform public health policies effectively.

Learning Objectives:

1. Understand the challenges and possible solutions in managing laboratory data.
2. How can we use biomedical data to promote health in the community.
3. Recognise future trends in laboratory data management.

Speakers' Bio & Talk Overview

(Day 1) Session 1 - LIFE Laboratory Insights for Excellence



Dr. Aaron Han
Consultant Pathologist
Owner ASA-MEDLAB,
UAE/KSA/USA



Aaron Han, MD, PhD, FCAP, is a graduate of Baylor College of Medicine MD PhD program, and American Board of Pathology certified. He has practiced in the Middle East for nearly 20 years, and currently is the owner of ASA Labs in Dubai. He is a visiting faculty/professor at the University of Louisville in the USA. He is the Vice President of Emirates Pathology Society, and CAP Deputy International Commissioner for the United Arab Emirates and Egypt. Dr. Han lectures on quality, accreditation, and next generation technologies and AI.

Has Digital Pathology Improved Diagnostic Accuracy and Patient Care?

1. Current state of digital pathology adoption.
2. Expected improvements with digital pathology.
3. AI in pathology and its applications.

Speakers' Bio & Talk Overview

(Day 1) Session 1 - LIFE Laboratory Insights for Excellence



Dr. Karolina Kobus

Chief Scientific Officer / Molecular
Genomics & Precision Medicine Consultant
BCT Laboratories / HelicaseMe
GCC (UAE, Bahrain, KSA)



Chief Scientific Officer & Innovation Advisor with more than 16 years of experience in the field of molecular biology, reproductive genetics, prenatal testing, oncogenetics and precision medicine. As ardent believer of personalized medicine, have been creating many awareness and preventive strategies, promote an idea of performing highly advanced specialized testing locally to improve an outcome, optimize and generate a cost savings in the healthcare system. Previously worked at prestigious governmental institutions such as Max Planck Institute for Molecular Genetics in Germany, Human Genetic Department at Charite University Hospital in Germany, National Genetic Centre at Ministry of Health in Oman, where conducted data analysis and interpretation for genetic cases, using Array CGH, Whole Exome Sequencing and Clinical Genomes technologies

Is NGS a Viable Option for Population-Wide Screening, including Newborn Screening?

Rare diseases affect an estimated 30 million children and adults in the US (Haendel, Vasilevsky, & Unni, 2020; Genetic and Rare Diseases Information Center, 2023). The considerable excess burden on patients, families, and the health system is a matter of public health.

Individuals with rare diseases often undergo lengthy diagnostic odysseys resulting in delayed diagnoses and missed opportunities for timely and optimal treatment.

Learning Objective:

1. How NGS can dramatically shorten or eliminate the diagnostic odyssey, resulting in prompt life-saving treatment of disease?
2. How NGS can save intangible cost for families, including time spent managing financials, time off work for healthcare visits?

Newborn bloodspot screening (NBS) is an important public health tool for detecting and managing genetic diseases. It involves taking a few drops of blood from a baby within the first few days of life and running a series of tests for a set of serious and often life-threatening conditions.

In most developed countries, most newborns are screened via state-sponsored, publicly funded programs. Yet even in the world's most advanced healthcare systems, the largest NBS panels cover only a tiny fraction (typically less than 1%) of the 10,000+ genetic diseases that have been described in medical literature.

Using Whole Genome Sequencing (WGS) for Newborn Screening (NBS) has the potential to detect more genetic conditions compared to traditional screening methods, allowing for timely interventions and better healthcare outcomes for newborns.

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence



Mr. Rudi Schmidt

COO, Institute for
Healthier Living,
Abu Dhabi, UAE



Rudi Schmidt currently serves as COO at the Institute for Healthier Living Abu Dhabi. The institute builds its work on the rise of new biomolecular data classes, innovative diagnostic possibilities, and the dawn of an artificial intelligence century. As a precision medicine institute its purpose is to provide precise, predictive, preventive and data-driven care and research focused on lifestyle, longevity and performance for both individuals and populations.

Before IHLAD he served as CEO at Immunettrue, a company that analyzes immunological patterns across diseases and treatments as humans respond systemically to environment, diseases, and treatments. Immunological real-world data have many use cases when curated, analyzed and provided by using artificial intelligence.

Rudi Schmidt also spent 15 years at Asklepios Hospitals, the 2nd largest hospital chain in Europe, the last 7 years as EVP Precision Medicine, and as CEO of several Asklepios affiliates, including a metagenome company and a provider of RWD and R&D.

Precision Medicine, Real-World Data and Public Health

The future of Precision Medicine (PM) is often described in business cases for data aggregators, improved patient outcome, and public health. The simplified narrative is: "collect big real-world data, start an AI and the already scheduled miracle happens. It seems that this kind of PM is a magic toaster where you just push the button and breakfast is ready. In reality, the scientific and entrepreneurial strategies require a great deal of craftsmanship in the „data machine room“ of clinical routine.

Regulatory developments worldwide indicate what kind of PM, RWD and AI will be accepted in the future by industry (commercialization) and health systems (reimbursement, HTA, public health). The principles outlined by the FDA, the EMA and other public stakeholders are useful.

What should not be ignored: Despite the hype about AI, PM and big data, we are currently suffering from a "data poverty" when it comes to good clinical data.

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence



Dr. Bhawani Bhatnagar

Senior Vice President,
Clinical Innovation
National Health Insurance Company,
Daman, Abu Dhabi, UAE



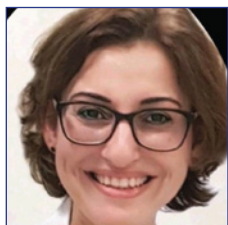
Dr. Bhawani Bhatnagar is an experienced healthcare professional with more than two decades of experience in leading strategic initiatives across healthcare organizations in the UAE. In her current role as SVP, Clinical Innovation at National Health Insurance Daman, she is responsible for driving the design and implementation of advanced care models focusing on disease management, care coordination and value-based care. With a strong focus on population health management, Bhawani is responsible for implementing outcomes collection via digital care pathways, redesigning clinical models of care by enhancing multidisciplinary collaboration, and implementing new technologies all aimed at achieving better outcomes for individuals and better health for population.

Genetics Testing and Insurance: Current and Future Challenges

Genetic testing has emerged as a pivotal tool in healthcare, offering insights into disease predisposition and personalized treatment options. However, its integration into insurance practices presents significant challenges, particularly in the UAE and globally. In the UAE, where rapid advancements in healthcare technology coincide with diverse cultural perspectives, these challenges are exacerbated by varying regulations, ethical implications and privacy issues. Addressing these challenges necessitates a collaborative approach among policymakers, healthcare providers, and insurance companies to develop ethical frameworks and regulations that protect individuals while promoting the benefits of genetic advancements in medicine.

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence



Ms. Hilda Mahmoud Allam

Lecturer - Chair of Clinical
Training Committee
Department of Medical
Laboratory Sciences
College of Health Sciences
University of Sharjah, UAE



Hilda Allam, MSc, is an accomplished educator and clinical scientist with over two decades of experience in medical laboratory sciences. She is currently a lecturer and clinical coordinator at the Department of Medical Laboratory Sciences, College of Health Sciences, University of Sharjah, where she also chairs the Clinical Training Committee. Ms. Allam began her academic journey with an MSc in Physiology, specializing in Cancer Biology from Cairo University, Egypt. Her career started at the National Cancer Institute in Cairo, and she gained practical experience as a Medical Laboratory Technologist at Ibn Sina Hospital and Cairo private Lab.

In 1997, Ms. Allam joined the Pathology and Genetics Department at Dubai Health Authority, where she served as a Medical Laboratory Technologist, Clinical Scientist and Quality Coordinator at Rashid Hospital. She is a certified auditor for ISO 15189:2007 and ISO 9001, and her contributions were crucial in winning the Dubai Government Excellence Award in 2009 for "Optimum Blood Utilization." Her outstanding achievements were recognized by the Pathology and Genetics Department at DHA in 2008.

Since 2010, at the University of Sharjah, she has played a pivotal role as a lecturer and clinical coordinator in training students across various laboratory disciplines in UAE hospitals, preparing them to meet future healthcare challenges. In 2023, she received the Community Service Award from the University of Sharjah for her significant contributions to training and community service. Ms. Allam's career reflects her deep commitment to education, quality improvement, and the advancement of medical laboratory sciences.

Career Development Support for Laboratory Professionals: Are We Doing Enough?

In today's rapidly evolving scientific landscape, effective career development is crucial for laboratory professionals to stay competitive and achieve job satisfaction, ultimately benefiting their organizations. Despite the importance of skill diversification, remote work opportunities, and ongoing education for enhancing job engagement and retention, many laboratory professionals encounter barriers such as limited resources and weak institutional support, which hinder their career progression.

This presentation emphasizes the importance of structured career development, reviewing successful professional development programs, mentorship, and continuing education opportunities while pinpointing areas that need enhancement. Key support mechanisms like continuous training, clear career pathways, and robust networking should be prioritized.

Recommendations focus on increasing access to resources, promoting a culture of continuous learning, and bolstering mentorship networks to better support the career growth of laboratory professionals.

Learning Objectives:

1. Enhance Access to Professional Development and Establish Clear Career Pathways
2. Understand the importance of networking and collaborative opportunities.
3. Recognize the need for mental health support, diversity, and policy advocacy in the laboratory profession.
4. Identifying Gaps in Current Support Systems

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence



Ms. Nour Boutros
Group Lead
Talent & Performance
Purehealth Group, UAE



With nearly a decade of experience in Human Resources, Nour is a subject matter expert in Organizational Development, Talent, and Performance Management. Currently leading talent and performance across PureHealth Group, where she has been a key contributor to their rapid growth and success for the past five years, Nour is passionate about fostering growth through mentorship. Having witnessed firsthand the critical role mentorship plays in talent development and accelerating career growth, she is dedicated to ensuring sustainable talent pipelines and driving continuous organizational excellence.

Nour's expertise in developing future leaders and creating a culture of knowledge sharing has made her a trusted advisor within the organization and beyond. As a firm believer in the power of mentorship to shape high-performing teams, she is excited to share insights on leveraging mentorship for long-term success.

Building Sustainable Talent Pipelines: The Art of Mentorship, Knowledge Transfer and Succession Planning in Healthcare

In the rapidly changing healthcare landscape, effective mentorship and knowledge transfer are essential for cultivating future leaders. This session, "Building Sustainable Talent Pipelines" will outline the concept and importance of Mentorship in professional development, identify successful knowledge sharing strategies and develop actionable succession planning frameworks that can address workforce shortages. Additionally, the session will emphasize fostering a collaborative culture that celebrates intergenerational relationships, promoting diversity and innovation within organizations. Through interactive discussions and case studies, participants will engage in an exchange of ideas that deepens their understanding of the value of mentorship in individual and organization success. By investing in sustainable talent pipelines, healthcare organizations can build resilient teams equipped to tackle future challenges and drive excellence.

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence



Mr. Ali Rizvi
Executive Director People &
Organization
PureHealth Group, UAE



Ali is an HR professional with over 25 years of experience within Asia, Middle East & Africa and India Subcontinent markets' Healthcare, FMCG, Oil & Gas and Fashion Apparel industries.

During his career he has worked on HR operations, transformation, mergers & demergers, acquisitions & integration, divestments and start-up operations.

Ali has worked for Global US, European & Middle Eastern companies namely Pure Health, Haleon, GlaxoSmithKline, Johnson & Johnson, Shell, Novartis, Warid and Levi's ®.



Dr. Nouf AlMarzooqi
Prosthodontist
SEHA, Abu Dhabi, UAE



Board certified Prosthodontist who is passionate about leadership in healthcare and driving best practice to achieve best patient outcomes



Mr. Ahmed Ismail Al Zarooni
Executive Vice President –
Customer Experience
Daman, UAE



Qualifications, Licenses, & Awards

- Master of business administration – UK (University Of Wolverhampton)
- The Strategic Leadership in the Era of disruption Program - UK (University of Oxford)
- FinTech (Harvard University)
- Product strategy (Northwestern University)
- International Certificate in Wealth Management – UK (Chartered institute for securities and investments)

Executive Roles & achievements

- Author of " A Leader's Legacy "
- Board Member Al Hilal Auto / UAE 2017 – 2020
- Supervisor Board member Emirates Digital Wallet / UAE 2018 – 2020

Speakers' Bio & Talk Overview

(Day 1) Session 2 - LIFE Laboratory Insights for Excellence

Experience & Career Highlights

- SVP – Customer Experience, Daman National Health Insurance 2021 – to date
- Head Of Retail – Al Hilal Bank (Managing entire retail Bank, reporting to the CEO) 2020 – 2021
- Managing Director Distribution (managing all retail channels reporting to Head of Retail) 2018 – 2020
- Director Branch Banking – Al Hilal Bank (Managing all Branches reporting to MD Distribution) 2017 – 2018
- Head Of Retail Sales and Services – HSBC (Managing all retail sales and services across all channels reporting into Head Of Retail Banking) 2013 – 2017
- Senior Regional Manager – HSBC (Managing Retail branch banking and wealth management for Deira, Sharjah & N.E reporting to Head of Branches) 2011 – 2013
- Head of Branches and SME – Ajman Bank (managing branches and SME portfolio) 2008 – 2011
- Area Sales Manger – Emirates Bank International (reporting to Head Of Sales) 2004 - 2006

Competencies:

- Digital Transformation
- Management & Leadership
- Leadership Development
- Business Operations & Strategy
- Business Development
- Effective Communication & Delegation

Panel Discussion – mixing different generations and levels to share their insights and experiences

Speakers' Bio & Talk Overview

(Day 1) Session 3 - LIFE Laboratory Insights for Excellence



Dr. Stefan Weber

Co-chair, Scientific Committee
Medical Director, PureLab-South
Abu Dhabi, UAE



Dr. Stefan Weber is Medical Director, Purelab-South Abu Dhabi. He is consultant pathologist at Sheikh Khalifa Medical City, and focuses on subjects such as clinical microbiology, antibiotic stewardship and infection control. He received his medical degree from the University of Cologne, Germany. His experience includes medical director of Bioscientia, a medical laboratory in Germany, and the medical Director of the Institute for Microbiology and Hospital Hygiene in Hoyerswerda Hospital, Germany.

The Human Microbiome and Advances in Metagenomics

The human microbiome, a complex ecosystem of microorganisms residing in and on the body, plays a vital role in health and disease. Advances in metagenomics have revolutionized our understanding of this microbiome by allowing researchers to analyze microbial communities at a genomic level, uncovering their diversity and functions. These innovations enable insights into how the microbiome influences conditions such as obesity, diabetes, and autoimmune diseases. Ultimately, metagenomics holds promise for developing targeted therapies and personalized medicine approaches that harness the microbiome's potential for health.

Speakers' Bio & Talk Overview

(Day 1) Session 3 - LIFE Laboratory Insights for Excellence



Dr. Sambit Mohanty

Director of Surgical and Oncopathology
Senior Consultant of Molecular Pathology,
and Head of Clinical Research
CORE Group of laboratories,
Gurugram, India



Dr. Sambit Mohanty is a US board-certified Anatomic, Molecular, and Urologic Pathologist. He received the best medical graduate award with record number of honors and 12 university gold medals, followed by his residency training in Anatomic and Clinical Pathology from PGIMER, Chandigarh India and the University of Massachusetts and New York University. Subsequently he was subspecialized trained in Urologic, Surgical (onco and non-onco), and Molecular Pathology and Pathology Informatics from the Cedars-Sinai Medical Center and the University of Pittsburgh Medical Center. He is the recipient of American Molecular Pathology and College of American Pathologists' travel awards. He is a member of GUPS, ASCO, USCAP, CAP, IAP, IAPM, and ISUP and in the International Collaboration on Cancer Reporting committee for kidney tumors. He is in the editorial board of International Journal of Surgical Pathology, Indian Journal of Pathology and Microbiology, Indian Journal of Pediatric and Medical Oncology, Indian Journal of Urology, Annals of Diagnostic Pathology, Journal of Clinical Pathology, Journal of Precision Oncology, and Pathology Research and Practice. He is an avid reviewer for a number of reputed pathology and oncology journals including Human Pathology, Clinical Cancer Research, Endocrine Pathology, Pathology Research and Practice, American Journal of Surgical Pathology, American Journal of Clinical Pathology, among others. He has been actively involved in clinical diagnostics, teaching, and translational research for the last two decades with 150 peer-reviewed publications in reputed journals, numerous chapters on Urologic and Molecular Pathology and Artificial Intelligence in Urologic Cancers, WHO blue book, and NCCN. He has over 250 lectures and presentations portraying his research in various national and international meetings (at ASCO, USCAP, ASDP, CAP, ASCP, etc.). He has been actively involved in teaching and actively involved in resident and fellow teaching and in a number of invited lectures across the country and internationally. He is in the abstract review committee of USCAP and in the International outreach committee of GUPS.

Advances in Precision Medicine: Role of the Laboratory in Tailored Healthcare

Precision medicine represents a transformative approach in healthcare and tailoring treatments based on individual genetic and molecular profiles. This shift from a generalized to personalized care model revolutionizes healthcare. In my talk I shall aim to explore the evolving role of clinical laboratories within precision medicine in reshaping healthcare delivery and enhancing patient-specific treatments. Clinical laboratories stand as crucial pillars in the execution of direct, personalized diagnostic tests, and therapies within the precision medicine framework. Their multifaceted role extends beyond disease diagnosis and risk assessment, encompassing the development of targeted therapeutic strategies. I shall also emphasize on the fact that precision medicine underscores the instrumental nature of these laboratories in facilitating specialized treatments and substantially improving patient outcomes. This accentuates the escalating significance of clinical laboratories in the burgeoning domain of precision medicine. Their pivotal contribution as hubs for data analysis and collaborative efforts with healthcare experts underscores their pivotal role in shaping the future of healthcare delivery. The synergy between clinical laboratories and healthcare professionals is paramount in pushing the boundaries of precision medicine and enhancing patient-centric care.

Speakers' Bio & Talk Overview

(Day 1) Session 3 - LIFE Laboratory Insights for Excellence



Dr. Fatima AbdulAziz Ahmed AlAli

Consultant Pediatric
Clinical Geneticist
Al Qassimi Women's and
Children's Hospital, Sharjah, UAE



Dr. Fatima AbdulAziz AlAli is a highly regarded Pediatric Clinical Geneticist and Clinical Researcher with over 13 years of dedicated experience in the field of pediatric clinical genetics. Currently serving at AlQassimi Women and Children Hospital, she specializes in a wide range of topics related to pediatric genetics and rare disorders.

As an investigator, Dr. AlAli is committed to conducting clinical studies aimed at enhancing the skills and knowledge of clinicians who work with rare genetic disorders. Her research not only contributes to the academic community but also plays a vital role in improving clinical practices within the region.

Dr. AlAli is keen on expanding her clinical practice to align with the vision of the United Arab Emirates, ensuring that the healthcare needs of the population are met with utmost efficiency and expertise. Her dedication to advancing pediatric healthcare through innovative research and clinical excellence continues to make a significant impact in her field.

Inborn Errors of Immunity

1. Overview of inborn errors of immunity
2. Examination of causative factors
3. Analysis of current clinical practices through a case-based approach

Speakers' Bio & Talk Overview

(Day 2) Session 4 - LIFE Laboratory Insights for Excellence



Mr. Cenk Tasanyurek
Managing Director,
Management Consultant,
Leadership and Team Development
Expert, Facilitator Truvian Partners,
Abu Dhabi, UAE



Cenk Tasanyurek is the Managing Director of Truvian Partners Consultancy and a highly skilled consultant and facilitator with over 12 years of expertise in talent development, leadership, and team dynamics. His unique approach blends deep academic insight with practical application, ensuring that participants not only learn but experience transformative growth. Cenk specializes in translating complex theories into actionable strategies, immersing participants in real-world scenarios through innovative activities and methodologies.

As a Leadership Faculty member for PwC, Cenk collaborates with some of the region's most respected consultancies, delivering impactful learning experiences across various industries including aviation, travel and hospitality, luxury retail, healthcare, and more.

He is currently pursuing his Doctor of Business Administration (DBA) at Durham University, further enhancing his expertise in organizational behavior, leadership, and employee engagement.

In his role at Truvian Partners, Cenk leads projects that focus on leadership development, employee motivation, conflict resolution, and team dynamics, helping organizations achieve their goals through a hands-on, experiential approach. His dedication to fostering continuous learning and improvement has made him a trusted advisor for companies looking to strengthen their teams and leadership capabilities.

Cenk's extensive qualifications include certifications in psychometric assessments such as MBTI and the Reiss Motivation Profile. He has worked with prestigious clients including Purelab, Purehealth, Abu Dhabi Terminals, and the Mohammed Bin Rashid Center for Leadership Development.

Qualifications:

- Merit in Master of Business Administration, University of Liverpool
- Doctor of Business Administration, Durham University Business School (ABD) Currently at the dissertation stage, completing the final research phase.

Patient Experience in the Laboratory; More Than Blood Collection

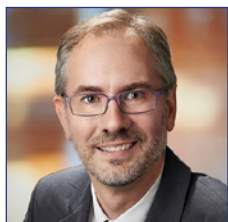
Patient experience in the laboratory extends beyond the act of blood collection, encompassing various aspects such as understanding patients' expectations, clear step-by-step communication, and service quality that incorporates a human touch. By enhancing phlebotomists' ability to empathize with patients—understanding their emotions, anticipating their concerns, and addressing their needs—the overall patient experience is elevated. This, in turn, leads to improved service quality and fosters a more patient-centric environment within the lab, where care is tailored to meet individual expectations and build lasting trust.

Learning Objectives:

1. Recognize the emotional states patients experience during phlebotomy, how these impact their needs, and how empathy and personalized care build trust and satisfaction in the lab.
2. Acknowledge the role of phlebotomists and healthcare professionals in creating a patient-centered environment that fosters positive experiences throughout the patient's interaction with the lab.

Speakers' Bio & Talk Overview

(Day 2) Session 4 - LIFE Laboratory Insights for Excellence



Dr. Brian Richard Jackson

Adjunct Professor of Pathology
University of Utah,
Salt Lake City, Utah, USA



Dr. Jackson is a clinical pathologist and medical informaticist with over 30 years' experience in both healthcare IT and the laboratory industry. He received his BA (mathematics), MS (medical informatics) and MD degrees at the University of Utah. He completed residency in clinical pathology at Dartmouth-Hitchcock Medical Center, and was a National Library of Medicine Fellow in medical informatics at the University of Utah. Dr. Jackson spent 20 years in a number of business-facing roles, including CMIO, at ARUP Laboratories. He is currently an adjunct professor of pathology at the University of Utah and the medical director for business development at ARUP Laboratories. He hosts the LabMind podcast and publishes the Hippocratic Capitalism newsletter.

The Responsible Use of Artificial Intelligence in Medical Diagnostics

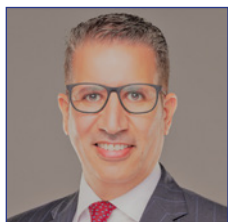
Artificial intelligence (AI) is entering the medical world with enormous hype, but also many open questions, and few formal controls. This presentation will describe some of the major risks associated with AI. It will also present a framework for managing those risks and the over quality and accuracy of AI, based on historical approaches to other technologies including clinical laboratory tests.

Learning Objectives:

1. Identify the primary ethical risks raised by AI in medical settings
2. Describe the distinctive aspects of AI that make it harder to manage than other technologies in medicine
3. Map current quality management approaches for laboratory tests onto a proposed framework for managing AI in clinical settings

Speakers' Bio & Talk Overview

(Day 2) Session 4 - LIFE Laboratory Insights for Excellence



Dr. Omar Najim

Executive Director of Healthcare
and Life Sciences in
United Al Saqr Group
Former director of executive
affairs and special project in
Abu Dhabi - DoH



MBChB MRCS DOHNS MSc

Omar is the Executive Director of Al Saqr Group Healthcare and Life Science (UASQ HLS). UASQ HLS aims to be the largest private healthcare and life science holding company in GCC by the year 2030. Its main mandate is building an operational unit that create, own and operate assets in the innovative Healthcare Life Science space. Spanning the industries of Humans, Animals, Plant and Environments.

Just before joining United Al Saqr Group, Omar was the executive director of Executive Affairs and Special projects Office at the Abu Dhabi Department of Health. In that role, he was one of the leaders that transformed Abu Dhabi Healthcare to be one of the best systems globally and drove the creation of a globally competitive Life Science Ecosystem.

Some of his key roles included; being a member of a core "AD Healthcare Gold Command Team" for Covid19; with Abu Dhabi achieving number 1 safest city globally at times of Covid19 (DKG) and UAE being number one most resilient country (Bloomberg). Omar was responsible for leading the establishment of the Hope Consortium in day zero, contributing to handling over 260 million covid19 doses to over 65 country in one year.

Other aspects of his work at the department of health, is leading on developing the ambitious Abu Dhabi Life Science Strategy; the attraction of investment and making healthcare a positive contributor to a globally competitive Abu Dhabi economy.

Omar trained as a Head and Neck surgeon in the UK and worked at McKinsey & Co London office.

Omar is a member of the Royal College of Surgeons of Edinburgh; Holds a Masters in Surgical Technology and Healthcare Innovation from Imperial College London. He holds several international committee scientific membership and has published and presented extensively in medical research, healthcare innovation and economy. He lives in Abu Dhabi with his wife and two children.

The Driving Forces of Laboratory in the Era of AI, Longevity and Precision

1. An overview of the key drivers of laboratory market globally
2. Deep dive into the latest technologies that drive growth in lab market
3. Latest local and regional insight

Speakers' Bio & Talk Overview

(Day 2) Session 5 - LIFE Laboratory Insights for Excellence



Dr. Alison Finall

Consultant Anatomical
Pathologist
Burjeel Medical City,
Abu Dhabi, UAE



Dr. Alison Finall is a consultant anatomical pathologist with 20 years experience in diagnostic reporting and a strong dedication to medical education, research, and patient care. She gained CCT from the UK in 2012 after successful completion of FRCPath qualification. She has Masters degrees in Medical Education and Genomic Medicine alongside an MD in molecular pathology. She is committed to lifelong learning and is currently studying for an MBA. She has won a number of academic awards and has published numerous research papers on thoracic and gynaecological oncopathology.

The Need for Better Interoperability and Exchanges: The Elusive Combined Laboratory Report

Learning objectives:

1. Appreciate that somatic molecular pathology findings are part of the AP report from which the tissue for testing originated.
2. Communication is a key factor in promoting best practice.
3. Consider developing interprofessional care pathways for site specific malignancies.

Speakers' Bio & Talk Overview

(Day 2) Session 5 - LIFE Laboratory Insights for Excellence



Mr. Faizan Haseeb
Digital Health Solutions Executive
Abbott Laboratories GmbH, UAE



Faizan Haseeb (MBA – Media & Social Sciences) is the Digital Health Solutions Executive for Abbott Core Diagnostics in the expansive region of Gulf, Levant, and Northeast Africa. In his role, he enables healthcare organization to achieve measurably better healthcare performance by driving operational efficiency, improving productivity, and expanding profitability across the lab operations and hospital network. He leverages his 10+ experience in South Asian and Gulf countries of healthcare consulting to build bespoke solution for customers focusing on delivering their key objectives and priorities by enhancing both operational and clinical excellence.

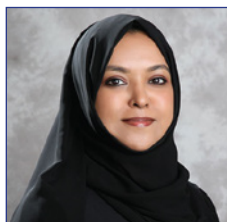
Innovation Beyond the Laboratories

AGENDA:

- Challenges in Healthcare
- WHY there is delay in healthcare delivery!
- Beyond Pre-Analytics
- Beyond Analytics
- Information Technology and Post-Analytic
- Beyond Post-Analytic
- Achieving Clinical Excellence

Speakers' Bio & Talk Overview

(Day 2) Session 5 - LIFE Laboratory Insights for Excellence



Dr. Nahida Nayez Ahmed
Chief Medical Officer
Sakina Mental Health & Wellbeing
Services, Consultant Psychiatrist
Chair of BH Council- SEHA
Chair of MH Taskforce- DOH,
Abu Dhabi, UAE



Dr. Nahida Nayez Ahmed is an American Board certified, Emirati Consultant Psychiatrist, who serves as the Chair of department at AHS, Chair of Behavioural Health Council at SEHA & Chair of Mental Health task force at DOH. She graduated Psychiatry residency from Tufts University and obtained CL Fellowship from Harvard University, Boston. She continues to play a lead role in mental health reforms, spearheading several initiatives across different sectors. She is an International Associate of Royal College of Psychiatry, UK and is a Certified Physician Executive (CPE). Dr. Ahmed is an Adjunct Associate Professor at the College of Medicine and Health Sciences, UAE University and Associate Lecturer at Khalifa University. She has authored and published several research papers nationally and internationally. She is a notable speaker on national and international platforms, an avid reader, travel enthusiast, mother to three exceptional children, and spouse to a distinguished Transplant Nephrologist.

Mental Health and the balance between private life and work

1. Understand the impact of work-life balance on mental health: Participants will learn how balancing professional and personal life can influence mental well-being and overall health.
2. Identify strategies to improve work-life balance: Participants will explore practical techniques and approaches to achieve a healthier balance between work and personal life.
3. Recognize signs of burnout and stress: Participants will be able to identify early warning signs of burnout and stress and learn effective methods to manage and mitigate these issues

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