

9th QU Health Sector Annual Research Conference 2025

Advancements in Health Research: Bridging Basic and Clinical Sciences

Tuesday, May 27th, 2025 (8:00 – 16:00)

Qatar University, Student Affairs Building (I11)

Target Audience: Physicians, Pharmacists, Nurses, Complementary Medicine, Dentists, Allied Healthcare Practitioners, Researchers and Health Educators

Activity Code: AGI-03-P190

Aim: To foster collaborative research, highlighting advancements in basic, translational and clinical research, and emphasizing the power of collaboration in advancing health solutions.

Overall Learning Objectives:

This conference is designed to bring together healthcare professionals, educators, and researchers, to share knowledge and explore solutions to the most pressing healthcare challenges through collaborative research in areas of health professions education, mental health, precision medicine, drug design and delivery, metabolic and diabetes disorders and reproductive medicine.

Specific Objectives:

1. To discuss emerging technologies that improve HPE and strategies to streamline training for healthcare workflows using collaborative approaches.
2. To examine recent trends in personalized mental health interventions and strategies to integrate mental health support in chronic diseases care plans.
3. To discuss the advances in drug design and delivery and the use of AI-driven metabolomics in identifying biomarkers.
4. To describe the recent advancements in reproductive medicine and reproductive consequences of obesity in the population.
5. To discuss emerging application of genomics risk stratification and how pharmacogenetics optimizes patient-centered care.
6. To examine the advances in approaches to reduce the obesity rates at individual, national, and international levels.

Speakers

Dr. Amal Al Omri, Chief Scientific Officer at the King Hussein Cancer Center (KHCC), Jordan; **Dr Palli valappila Abdul rouf**, Director Clinical Trial Unit (CTU), Hamad Medical Corporation, Doha, Qatar; **Dr. Ahsan Sethi**, Associate Professor of Public Health, College of Health Sciences, Qatar University, Doha, Qatar; **Dr. Salma Khaled**, Associate Professor of Behavioral Sciences, College of Medicine, Qatar University, Doha, Qatar; **Dr. Nashiru Bella**, Professor of Pharmaceutical Sciences; College of Pharmacy, Qatar University, Doha, Qatar; **Dr. Maha Abdulla H I Al-Asmakh**, Associate Professor and Department Head of Biomedical Sciences, College of Health Sciences, Qatar University, Doha, Qatar; **Dr. Rozaimi Bin Mohamad Razali**, Assistant Professor of Biomedical Sciences, College of Health Sciences, Qatar University, Doha, Qatar; **Dr. Abdella Mohammed Habib**, Assistant Professor of Biochemistry, College of Medicine, Qatar University, Doha, Qatar; **Dr. Mashael Nedham A J Alshafai**, Strategic Advisor, Vice President for Health and Medical Sciences Office, Qatar University, Doha, Qatar; **Dr. Mohamed Aghar N M Elrayess**, Section Head of Basic Research, Vice President for Health and Medical Sciences Office Qatar University, Doha, Qatar

* The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest.

* "This activity is an Accredited group learning activity (Category 1) as defined by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section and is approved for a maximum number of 5 Hours."

* "CPD-HP (QU—Health) is accredited by Ministry of Public Health's Department of Healthcare Professions - Accreditation Section (DHP – AS) as a provider of continuing professional development."

Activity schedule:

Tuesday, May 27, 2025

Time	Description	Learning objective(s)
08:00 - 08:50	Registration	
08:50 - 08:55	Opening Remarks	
08:55 - 09:00	Welcome Speech	
09:00 - 10:00	Basic, Clinical & Translational Health Research (Mic Drop Session) <i>Dr. Mashael Al-Shafai</i>	To discuss research updates, challenges and opportunities in evidence-based health research.
10:00 - 10:30	Coffee Break & Poster viewing	
10:30 - 11:00	Health Professions Education Research (Oral Presentation) <i>Dr. Ahsan Sethi</i>	To discuss emerging technologies to improve HPE and strategies to streamline training for healthcare workflows using collaborative approaches.
11:00 - 11:30	Mental Health Research (Oral Presentation) <i>Dr. Salma Khaled</i>	To examine recent trends in personalized mental health interventions and strategies to integrate mental health support in chronic diseases care plans.
11:30 - 12:00	Drug Design, Development, & Delivery Research (Oral Presentation) <i>Dr. Nashiru Bella</i>	To discuss the advances in drug design and delivery and the use of AI-driven metabolomics in identifying biomarkers
12:00 - 12:30	Dhuhr prayer, Lunch break, & Poster viewing	
12:30 - 13:00	Reproductive Medicine Research (Oral Presentation) <i>Dr. Maha Al-Asmakh</i>	To describe the recent findings in reproductive medicine and reproductive consequences of obesity.
13:00 - 13:30	Precision Medicine Research (Oral Presentation) <i>Dr. Rozaimi Razali</i>	To discuss emerging application of genomics risk stratification and how pharmacogenetics optimizes patient-centered care.

13:30 - 14:00	Metabolic and Diabetes Disorder Research (Oral Presentation) <i>Dr. Abdella Habib</i>	To examine the advances in approaches to reduce the obesity rates at individual, national, and international levels.
14:00 - 15:00	Panel Discussion on Collaborative Research in HPE, Mental Health, 3D, Reproductive Medicine, Precision Medicine, and MDD. <i>Dr. Amal Al Omri, Dr Palli valappila Abdul rouf; Dr. Ahsan Sethi; Dr. Salma Khaled; Dr. Nashiru Bella; Dr. Maha Abdulla H I Al-Asmakh; Dr. Rozaimi Razali; Dr. Abdella Habib; Dr. Mashael Al-Shafai; Dr. Mohamed Aghar N M Elrayess</i>	To discuss solutions to the most pressing healthcare challenges through collaborative research in areas of HPE, mental health, 3D, reproductive medicine, precision medicine, and MDD
15:00 - 15:15	Prizes for Best Specialized Talks, Mic Drops, & Posters	
15:15 - 15:30	Closing Remarks Statistics of Contributions (Orals & Posters) Acknowledgments & Closing Remarks <i>Dr. Aisha Naeem</i>	