8th QU Health Research Symposium 2024

Theme: Research Network Groups: The Power of Collaboration

Activity Code: AGI-03-P169

Saturday, 27th April 2024 07:30-3:00pm

Venue: I06 Auditorium and Foyer, Qatar University, Doha, Qatar

Target Audience: Health Researchers & Educators

Aim. To encourage collaboration in current research, showcasing the impact of Research Network Groups (RNG) in collaborative research and interdisciplinary knowledge exchange. To explore emerging research trends at QU Health and discuss standards, rationale, and opportunities aligned with the collaborative essence of RNGs. The symposium under the theme "Research Network Groups: The Power of Collaboration" is a platform for celebrating collective expertise and innovative interdisciplinary interactions.

Overall learning objectives.

By the end of this workshop, participants will be able to:
- Describe collaborative research opportunities between QU Health and other stakeholders, including HMC.
- Discuss the impact of interdisciplinary collaborative research on research outcomes in Cancer and Infectious diseases RNGs.
- Explain the impact of interdisciplinary collaborative research on research outcomes in Neurological Sciences & Cardiovascular Diseases, Oral Health, Rheumatology and Chronic Pain RNGs
- Describe the impact of interdisciplinary collaborative research on research outcomes Youth Wellbeing RNG.
- Discuss the roles of interdisciplinary research collaboration in enriching research outputs and extended opportunities.
- Discuss the role of interdisciplinary research collaboration in supporting students and early career researchers mentoring.

* 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.

Time & Moderator	Description & Learning Objectives
07:30-08:00	**Registration**
08:00-08:15	**Welcoming remarks** • Prof. Asmaa Al Thani, VPMHS • Prof. Feras Alali, AVP RGS at QU Health • Dr. Mohamed Elrayess, Director of Basic Research at QU Health
08:15-09:00 **Moderator:** Prof. Alaaldin Kilani, Research Coordinator College of Pharmacy	**Learning Objective:** Describe collaborative research opportunities between QU Health and other stakeholders, including HMC. **Keynote speech:** Prof. Jassim Al Suwaidi (HMC, WCM-Q): *Exploring Avenues of Collaborative Opportunities Between HMC and QU Health*
09:00-09:40 **Moderator:** Dr. Michail Nomikos, Research Coordinator Colle of Medicine	**Learning objective:** Discuss the impact of interdisciplinary collaborative research on research outcomes in Cancer, and Infectious diseases RNGs. **Oral presentations by <u>Infectious Diseases</u> RNG** • Highlights by Dr. Susu Zughaier, CMED (5 mins): top research output by the group. • Dr. Hadi M. Yassine, BRC: *Antibody-dependent cellular cytotoxicity (ADCC) responses to SARS-CoV-2 infection and COVID-19 vaccination.* **Oral presentations by <u>Cancer</u> RNG** • Highlights by Prof. Zumin Shi, CHS (5 mins): top research output by the group. • Prof. Suhail Doi, CMED: *Use of conditional estimates of effect in cancer epidemiology: an application to lung cancer treatment.*
09:40-10:20	**Coffee break and poster viewing**

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وزارة الصحــــــة العامـــــة
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10:20-11:20 **Moderator:** Dr. Waqas Sami, Research Coordinator College of Nursing	**Learning objective:** Explain the impact of interdisciplinary collaborative research on research outcomes in Neurological Sciences & Cardiovascular Diseases, Oral Health, Rheumatology and Chronic Pain RNGs **Oral presentations by <u>Neurological Sciences & Cardiovascular Diseases</u> RNG** • Highlights by Dr. Shona Pedersen, CMED (5 mins): top research output by the group. • Dr. Muhammad Chowdhury, CENG: *CASR-Net: Enhancing Coronary Artery Diagnosis through Deep Learning in X-ray Angiography.* **Oral presentations by <u>Oral Health</u> RNG** • Highlights by Dr. Nebu Philip, CDEM (5 mins): top research output by the group. • Prof. Faleh Tamimi, CDEM: *Artificial Intelligence for Early Detection of Oral Cancer: A Qatari-lead International Consortium.* **Oral presentations by <u>Rheumatology and Chronic Pain</u> RNG** • Highlights by Dr. Atiyeh Abdallah, CHS (5 mins): top research output by the group. • Dr. Atiyeh Abdallah, CHS: *Predicting Susceptibility to Low BMD Across Multiple Skeletal Sites: A Machine Learning Analysis of Qatar Biobank Data.*
11:20-12:20	**The Dhuhr prayer, Lunch break, and poster viewing**
12:20-12:40 **Moderator:** Dr. Saddam Kanaan, Associate Professor in Physical Therapy College of Health Science	**Learning Objective**: Describe the impact of interdisciplinary collaborative research on research outcomes Youth Wellbeing RNG. **Oral presentations by <u>Youth Wellbeing</u> RNG** • Highlights by Dr. Ghadir Al Jayyousi, CHS (5 mins): top research output by the group Dr. Banan Mukhalalati, CPH: *Examining the Perception of Undergraduate Health Profession Students of their Learning Environment, Learning Experience and Professional Identity development: A Mixed-Methods Study.*
12:40-13:30 **Moderator:** Dr. Mohamed Elrayess, Director of Basic Research Office, QU Health	**Learning Objective:** Discuss the roles of interdisciplinary research collaboration in enriching research outputs and extended opportunities. **Panel Discussion between RNG members and Keynote speaker** • Role of interdisciplinary collaboration in enriching research outputs.

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13:30-14:40 **Moderator:** Dr. Mashael Alshafai, Director of Graduate Studies at QU Health	**Learning Objective:** Discuss the role of interdisciplinary research collaboration in supporting students and early career researchers mentoring.
	Mic Drop graduate student session (8 sessions, 5 minutes presentation each, 2 minutes Q&A each)
	• Hevna Dhulkifle, CPH, Master of Pharmacy
	PI: Dr. Zaid Hussein Hasan Alma'ayah, CPH
	Targeting Soluble Epoxide Hydrolase to Ameliorate Doxorubicin-Induced Cardiotoxicity.
	• Queenie Fernandes, CMED, PhD in Medical Science
	PI: Prof. Giridhara Rathnaiah Babu, CMED
	Incidence Association and Implied Cooperation of High-Risk Human Papillomaviruses and the Epstein-Barr Virus in Patients with Advanced Stages of Colorectal Cancer from Qatar.
	• Asma Jamil, CHS, Master of Public Health Epidemiology
	PI: Dr. Marguerite Sendall, CHS
	Efficacy of the Mediterranean Diet in Treating Non-Alcoholic Fatty Liver Disease in Children and Adolescents: A Systematic Review and Meta-Analysis.
	• Enas Al Absi, CHS, Master of Biomedical Sciences
	PI: Dr. Maha Al-Asmakh, CHS
	Toxicity Assessment of Produced Water from Gas Fields Using Qatari Native Animal Species and Zebrafish Embryo Assay.
	• Angham Ibrahim Tartour, CMED, PhD in Clinical and Population Health
	PI: Prof. Giridhara Rathnaiah Babu, CMED
	Association of Prenatal Psychological Distress on Preterm Birth: Findings from the ECHO-Wide Cohort.
	• Rana Farsakoury, CMED, PhD in Clinical and population Health
	PI: Dr. Susu Zughaier, CMED
	Vitamin D Deficiency and Risk of Surgical Site Infections: A Systematic Review.
	• Hadeel Kheraldine, CMED, PhD in Medical Sciences
	PI: Dr. Hamda Al-Thawadi, Prof. Ala-Eddin Al Moustafa
	Unveiling the Combinatorial Power of Neratinib and Metformin in HER2-Positive Breast Cancer.
	• Shailaja Raghavan, CDEM, PhD in Clinical and Population Health
	PI: Dr. Faez Saleh Al-Hamed, CDEM
	Stress Salivary Biomarkers in Adult Subjects with Temporomandibular Disorders (TMDs): A Systematic Review and Meta-Analysis.

14:40-15:00	Prizes for best Specialized talk, Mic drop, and posters
15:00-15:10	Closing remarks • Statistics of contributions (posters, oral presentations) • Dr. Mohamed Elrayess acknowledgments and closing remarks