



جامعة قطر  
QATAR UNIVERSITY

الصحة  
HEALTH

# Research Network Groups at QU Health

## Precision Medicine RNG

Rozaimi Razali, PhD  
Lead for Precision Medicine RNG

معاً نشكل مستقبل الصحة  
Shaping the Future of Health Together

# Mission Statement

To advance the adoption and application of precision medicine methodologies within the healthcare landscape of Qatar. To fulfil this overarching goal, our strategy involves facilitating early disease detection, precise diagnostic procedures, and enhanced therapeutic outcomes through the comprehensive analysis of population-wide phenotypic traits, genotypes, multi-omics data, and real-world clinical data. Our precision medicine paradigm integrates diverse research interests to optimize healthcare outcomes by tailoring it to specific genetic ancestries. Throughout our research endeavors, we aim to incorporate the fundamental principles of precision medicine, encompassing predictiveness, preventive measures, personalization, and active participation (the "4P" framework), into all aspects of our research activities.

# RNG active members

Name	Email	College	Role
Dr. Rozaimi Razali	<a href="mailto:rozaimi.r@qu.edu.qa">rozaimi.r@qu.edu.qa</a>	CHS	Lead
Dr. Mashaël Alshafai	<a href="mailto:malshafai@qu.edu.qa">malshafai@qu.edu.qa</a>	CHS	Co-lead
Dr. Mohamed Elrayess	<a href="mailto:m.elrayess@qu.edu.qa">m.elrayess@qu.edu.qa</a>	QU Health	
Dr. Tarik Al-Diery	<a href="mailto:tarik.aldiery@qu.edu.qa">tarik.aldiery@qu.edu.qa</a>	CPH	
Dr. Moustafa Al Hariri	<a href="mailto:m.al-hariri@qu.edu.qa">m.al-hariri@qu.edu.qa</a>	CMED	
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# RNG's Main Research Interests

1. Dr Mohamed Elrayess - pharmaco-metabolo-genomics of insulin resistance and type 2 diabetes [m.elrayess@qu.edu.qa](mailto:m.elrayess@qu.edu.qa)



2. Dr Mashel Al Shafei - genomic medicine particularly in obesity and T2D [malshafai@qu.edu.qa](mailto:malshafai@qu.edu.qa)



3. Dr Atiyeh Abdallah - genetic predisposition of rheumatic disorders e.g. paediatric rheumatic heart disease [aabdallah@qu.edu.qa](mailto:aabdallah@qu.edu.qa)



4. Dr Devrim Unal – cybersecurity and AI in health care [dunal@qu.edu.qa](mailto:dunal@qu.edu.qa)



5. Dr Moustafa Al Hariri – pharmacogenomics and predisposition to genetic diseases [m.al-hariri@qu.edu.qa](mailto:m.al-hariri@qu.edu.qa)



6. Dr Wisam Nabeel Ibrahim – biology, pathogenesis and treatment of cancer [w.ibrahim@qu.edu.qa](mailto:w.ibrahim@qu.edu.qa)



7. Dr Elham Sharif – environmental factors that can affect life style e.g. women's health [e.sharif@qu.edu.qa](mailto:e.sharif@qu.edu.qa)

8. Dr Hebah Al Khatib – impact of microbiome on human health [h.alkhatib@qu.edu.qa](mailto:h.alkhatib@qu.edu.qa)

9. Dr Tarik Al Diery – pharmacogenomics [tarik.aldiery@qu.edu.qa](mailto:tarik.aldiery@qu.edu.qa)



10. Dr Kholoud Bastaki – pharmacogenomics [kholouda@qu.edu.qa](mailto:kholouda@qu.edu.qa)



11. Dr Hanaa Mousa – identification of immunological biomarkers and immune profiling [hanaa.mousa@qu.edu.qa](mailto:hanaa.mousa@qu.edu.qa)

12. Dr Rozaimi Razali – ancient genome, population genomics and integrated multi-omics approach [rozaimi.r@qu.edu.qa](mailto:rozaimi.r@qu.edu.qa)

