

CV

Razan Nazieh AlQuraan

Education

Master of Biological Sciences, Genetics and Molecular Biology,
Yarmouk University, Irbid, Jordan 2020-2023.

Master Thesis : “The Relationship between Mitochondrial Encoded
Cytochrome C Oxidase II (MT-CO2) Variants and Asthenozoospermic
Males in Jordan”.

Bachelor of Biological Sciences, Yarmouk University, Irbid, Jordan 2010-
2014.

Personal Data

Marital Status: Married

Date of Birth: 04-SEP-1992

Nationality: Jordanian

Contact Information

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Experience

- **Biology Lecturer**, Philadelphia University, Amman, Jordan, (Sept 2023-present).
- **Research Assistant**, Genetics and Molecular Biology, Department of Biological Sciences, Yarmouk University, Irbid, Jordan (May 2023–Present.).

- **Teaching and Research Assistant** (As part of a fellowship), Department of Biological Sciences, Yarmouk University, Irbid, Jordan, (Sept 2020-Feb 2023)
- **Biology Teacher**, Al Hussan International School, Khobar, Saudi Arabia, from September 2016 – 2020.

Publications

- 1- AlRamadneh, Tareq Nayef, Muhannad I. Massadeh, Rania Algroom, Hashem A. Abu-Harirah, Kawther Faisal Amawi, Nada S. Daifalla, Hammad Khalifeh Aldal'in, **Razan N. AlQuraan**, and Rajesh Javaraiah. "Protective Effects of Secoisolariciresinol Diglucoside on Arsenic-induced Renal Damage and Oxidative Stress in Rats." *Jordan Journal of Biological Sciences* 16, no. 4 (2023).
- 2- AlRamadneh, Tareq Nayef, Hashem A. Abu-Harirah, Ibrahim A. Saleh, Rabaa Y. Athamneh, Mai Abusalah, Mohammad K. Okla, Bushra Hafeez Kiani, Yasser Hussein Issa Mohammed, **Razan N. AlQuraan**, and Rajesh Javaraiah. "Protective Effects of Omega-3 Fatty Acids Against Cisplatin Induced Hepatocellular Damage and Oxidative Stress in Rats." (2023).
- 3- Aqeel, Tareq, Sunil Chikkalakshmipura Gurumallu, Saeed Mujahid Hashimi, **Razan AlQuraan** and Rajesh Javaraiah " Nephroprotective Effects of Secoisolariciresinol diglucoside on Arsenic-induced Nephrotoxicity and Oxidative Damage in Rats". *Phytomedicine*.

In press

Razan N. AlQuraan, Mazhar S. Al-Zoubi, Bahaa Al-Trad The Relationship between Mitochondrial Encoded Cytochrome C Oxidase II (MT-CO2) Variants and Asthenozoospermic Males in Jordan

Research interests

- The application of genomic technologies to understand the basis of different genetic disorders.

Scientific Skills

- Advanced molecular techniques: advanced molecular cloning & molecular evolution technologies
- High throughput 2nd & 3rd generation sequencing.
- Chromatography and mass spectrometry: HPLC, ion exchange, size-exclusion, RPC, MS-MS, MALDI-TOF, CD spectroscopy.
- Protein assays/engineering: SPPS, EMSA, SDS-PAGE, immunoblotting, YnH assays, basic NMR assays.

Computer Skill

Good knowledge of Macintosh and IBM computers and Internet; programs: Word, Excel, Access, Minitab, PowerPoint, origin, MCF (software used in monitoring and controlling large scale fermentation process) and Adobe Photoshop.

Certificates

- 1- ICDL (International Computer Driving License)
- 2- TOT (Training of Trainers)
- 3- IELTS

References

- 1- **Prof. Mazhar S. Al-Zoubi:** Faculty of Medicine, Yarmouk University, P.O Box 566, 21163, Irbid, Jordan. mszoubi@yu.edu.jo
- 2- **Prof. Bahaa Al-Trad:** Department of Biological Science, Faculty of Science, Yarmouk University, Irbid, Jordan. bahaa.tr@yu.edu.jo
- 3- **Saeed Mujahid Hashimi:** School of Medical Science and Menzies Health Institute Queensland, Griffith University, Parklands, QLD, Australia r.birsh@uq.edu.au
- 4- **Adnan Ahmad Dahadha,** chairman of the basic science department, science faculty, Philadelphia University, adnan.dahadha@yahoo.com