Tareq Zaid Alhindi
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PROFILE SUMMARY

A scientist and a mentor, with main focus on biotechnology and biochemistry, expert in protein engineering and protein assays, genetics and genomic bioinformatic analysis, molecular techniques and plant molecular biology.

STRENGTHS

- Excellent teaching skills.
- Expert in writing research papers and grant proposals.
- Excellent analytical skills, attentive to details and organized.
- Proficiency in bioinformatics tools and programming languages (MD simulations, evolutionary algorithms, modelling and docking, python, R, bash, VB, graphic design).
- Creative, multidisciplinary and holistic, a leader and a mentor.

EDUCATIONAL BACKGROUND

- Doctor of Science (Ph.D.) in Biology. KU Leuven, Belgium (2017). Thesis title: Molecular Basis of MADS-Box Protein-Protein Interaction.
- M.Sc. in Energy Science (Biofunctional Chemistry). Kyoto University, Japan (2011). Thesis title: Toward the Development of Ribonucleopeptide Enzyme.
- B.Sc. in Biotechnology and Genetic Engineering. Jordan University of Science and Technology, Jordan (2007).
- The General Secondary Education, Scientific stream. Jubilee School for Gifted & Talented Students, Jordan (2003).

WORK EXPERIENCE

- **Assistant Professor** at The University of Jordan, Faculty of Science, Department of Biological Sciences. 9/2019 - Current.
- **Vice director** at Hamdi Mango Center for Scientific Research. 7/2022 - Current.
- Grants and M&E officer at Jordanian Women's Union (JWU). 1/2018-7/2019.
- Researcher at the Energy Center at the University of Jordan. 6/2011-10/2011.
- Research assistant at The University of Jordan, Faculty of Pharmacy. 5/2007-7/2007.

SCIENTIFIC SKILLS

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

Training/Seminary/Workshop Attended

- 2021 Jun.: Explore Long Reads Sequencing with Nanopore. Novogene webinar.
- 2021 Feb.: Supporting the Digital Transformation in Jordan's Higher Education Sector. Online training. MoHE, Amman.
- 2020 Sep.-Jan.: Early Academics Development Programme. MoHE, Amman.
- 2019 Oct.: Awareness Workshop. ICGEB, Amman.
- 2018 Nov.: Concept Note Writing. Oxfam, Amman.
- 2018 Sep.: KVINFO Partners Workshop. KVINFO, Amman.
- 2018 Aug.: Partners Capacity Development Workshop. UN Women, Amman.
- 2015 Sep.: Networking. YouReCa KU Leuven, Belgium.
- 2015 Jan.: Introduction to Leadership. YouReCa KU Leuven, Belgium.
- 2014 Apr.: Radiation Protection. HSE Department KU Leuven, Belgium.
- 2011 Jul.: WBI Global Dialog on Climate Change. GDLN “Atheer”, Amman.

Interests/Hobbies

Blogging, writing (recently I have published my first book), content development, reading, movies, art, travelling, meditating.

Referees

Available upon request.

LIST OF PUBLICATIONS

- Alhindi, T. and Albdaiwi, R., 2022. Draft Genome Sequence of Oceanobacillus jordanicus Strain GSFE11, a Halotolerant Plant Growth-Promoting Bacterial Endophyte Isolated From the Jordan Valley. Evolutionary Bioinformatics, 18, p.11769343211071114.
- Alhindi, T. and Al-Abdallat, A.M., 2021. Genome-Wide Identification and Analysis of the MADS-Box Gene Family in American Beautyberry (Callicarpa americana). *Plants*, *10*(9), p.1805.
- Abu-Elenein, J., Al-Sayaydeh, R., Akkeh, Z., Al-Ajlouni, Z., Al-Bawalize, A.A., Hasan, S., Alhindi, T., Rahahla, R., Ayad, J.Y. and Al-Abdallat, A.M., 2021. Agronomic Performance and Flowering Behavior in Response to Photoperiod and Vernalization in Barley (Hordeum vulgare L.)

Genotypes with Contrasting Drought Tolerance Behavior. *Environmental and Experimental Botany*, 104661.

- Zhang, Z., Coenen, H., Ruelens, P., Hazarika, R.R., Al Hindi, T., Oguis, G.K., Vandeperre, A., van Noort, V. and Geuten, K., 2018. Resurrected protein interaction networks reveal the innovation potential of ancient whole-genome duplication. *The Plant Cell*, *30*(11), pp.2741-2760.
- Alhindi, T., Zhang, Z., Ruelens, P., Coenen, H., Degroote, H., Iraci, N. and Geuten, K., 2017. Protein interaction evolution from promiscuity to specificity with reduced flexibility in an increasingly complex network. *Scientific reports*, *7*(1), pp.1-15.