

Biographical

Name: Sofian Sami Al Wardat

Contact Information: PhD in Molecular biology and immunology.

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Address: Rome-Italy

Address: Alramth-Jordan

Education

- 1) PhD in **Molecular Biology and Immunology**, November 2019- July 2023.
- 2) Master of Science, **Molecular Biology**, **September 2017- October 2019**, University of Rome " Tor Vergata", Rome-Italy.
- 3) Bachelor, **Medical Laboratory Science**, 2015, Hashemite University, Zarqa- Jordan.

Work Experience

1. Laboratory Technician, Arab Medical Center, Amman-Jordan, **June 2015 to October 2017**.

Main duties and responsibilities:

- Perform clinical laboratory tests pertinent to hematology, chemistry, urinalysis, serology, microbiology, immunology, and blood bank.
- Calculate test records and measure prescribed quantities of samples.
- Evaluate quality control information against measurable data.
- Set up and maintain laboratory equipment.
- Provide consultancy services regarding specific fields.
- Very good Phlebotomist.

2. Laboratory Assistant (Under the supervision of Dr. Alessandro Michienzi, Department of biology, Faculty of Medicine and Surgery, University of Rome Tor Vergata) **November 2019- July 2023**.

Main duties and responsibilities:

- Perform Polymerase chain reaction (PCR) technique.
- Perform the western blot technique.
- Perform statistical tests using PRISMA software.
- Prepare and perform gel electrophoresis technique.
- Protein extraction, DNA extraction, RNA extraction,
- Cell culture technique.
- Immunoprecipitation technique.

Licensure and Membership

- Laboratory Technician, Ministry of Health, Jordan (2015-Present).
- Medical and laboratory analysis specialist, Jordan (2023-present).

Languages

Arabic: Native

English: Fluent

Italian: intermediate

Publications:

Research Articles:

1. Alwardat N, Di Renzo L, de Miranda RC, **Alwardat S**, Salimei PS, De Lorenzo A. Association between hypertension and metabolic disorders among elderly patients in North Jordan. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*. 2018; 12:661-666.
2. Alwardat N, Di Renzo L, **Alwardat S**, Sinibaldi SP, De Lorenzo A. Comments on: " Effect of resveratrol on lipid profile: An updated systematic review and meta-analysis on randomized clinical trials". *Pharmacological research*. 2018; 133: 315-316.
3. Frassinelli, L., Orecchini, E., **Al-Wardat, S.**, Tripodi, M., Mancone, C., Doria, M., ... & Michienzi, A. (2021). The RNA editing enzyme ADAR2 restricts L1 mobility. *RNA biology*, 1-13.
4. Hu Y. Issues for conducting meta-analyses in COVID-19. Commentary on "Prevalence and severity of corona virus disease 2019 (COVID-19): A systematic review and meta-analysis". *Journal of Clinical Virology*. 2020;128:104389.
5. **Al Wardat S**, Frassinelli L, Orecchini E, Rey F, Ciafrè SA, Galardi S, Garau J, Gagliardi S, Orcesi S, Tonducci D, Carelli S, Cereda C, Picardi E, Michienzi A, Characterization of the molecular dysfunctions occurring in Aicardi-Goutières syndrome patients with mutations in ADAR1, *Genes & Diseases*, <https://doi.org/10.1016/j.gendis.2023.05.020>.

Conference Proceedings

- Diet for Immunotherapy Enhancement against tumors, 13/05/2018. Rome-Italy.
- 20TH EUROPEAN MEETING ON HIV & HEPATITIS, 8/6/2022. Paris, France.
- 5th National Congress of the Italian Society for Virology 5-6 July 2021.

References:

Reference	Phone	E-Mail
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