

**Nihad H. A. Al-Othman**  
**Dair El Hatab Nablus, Palestine**

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**Nationality:** Palestinian  
**Telephone Number:** 0097092385603  
**Mobile Number:** 00972598776995  
**Email Address:** n.othman@najah.edu

## **Academic**

**1. 2013-July 2017:** PhD in Biochemistry and molecular biology. The University Of Jordan, Amman Jordan.

Thesis title: “**Role of androgens in miRNA expression in triple negative breast cancer**”.

### **Modules included:**

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|--|--|
| <input type="checkbox"/> Tissue culture                                  | <input type="checkbox"/> DNA quantitation fluorescence |
| <input type="checkbox"/> PCR, nested PCR, PCR array, and RT-PCR          | <input type="checkbox"/> assay                         |
| <input type="checkbox"/> Transfection                                    | <input type="checkbox"/> Cell migration assay          |
| <input type="checkbox"/> Extraction: protein, DNA, total RNA, and miRNA. | <input type="checkbox"/> Cell adhesion assay           |
|  | <input type="checkbox"/> Cell detachment assay         |
|  | <input type="checkbox"/> Cell proliferation assay      |
|  | <input type="checkbox"/> Immunoblotting                |

**2. 2008-2012:** Msc, Biological sciences An-Najah National University, Nablus, Palestine

Thesis title: “**Genotype Comparison of Strains of Candida albicans from Infant Patients with Cutaneous Candidiasis in Nablus Area**”

## **Professions**

1. Head of anatomy biochemistry and genetics division, faculty of medicine and health sciences NNU, Nablus, Palestine from 2021-until now.
2. Teaching Biochemistry of human diseases (master of clinical chemistry), Research Methodology, Metabolic Biochemistry Histology, Clinical chemistry, Introduction to anatomy, Lab methods, Clinical Chemistry Case Study, medical terminology, medical ethics Research methodology, and General biology for medical students at

AN-Najah National University (NNU) Faculty of medicine and health sciences.

3. Teaching genetic and genomic course at Faculty of allied medical sciences at **Arab American University Jenin** (2017-2018).
4. Active member with **MEMBS** – Middle East Molecular Biology Sources for the year 2017-2018 in accordance with the membership number A008686. (2017-2018).

**Other certificates:**

1. **Training Course in “Molecular Biotechnologies”** total training 100 hours, The specialty Hospital, Amman Jordan & Isra University, Amman, Jordan, Which concluded: June 2016- September 2016

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|--|--|
| <input type="checkbox"/> Next Generation Sequencing  | <input type="checkbox"/> Microarray        |
| <input type="checkbox"/> Chromosomal analysis  | <input type="checkbox"/> karyotyping       |
| <input type="checkbox"/> <u>Multiplex ligation-dependent probe amplification</u> technique | <input type="checkbox"/> Flow cytometry    |
| <input type="checkbox"/> RT-PCR  | <input type="checkbox"/> Sanger sequencing |

2. **Diploma In vitro fertilization (IVF)** The University Of Jordan, The Center of Consultation and training, Jordan University Hospital IVF unit January 2016 – May 2016

3. **Statistical Analysis using SPSS** , The Center of Consultation and training, The University Of Jordan, February 2016- April 2016

**Publications:**

1. Ghanim, M., Rabayaa, M., Atout, S., **Al-Othman, N.** and Alqub, M., (2022). Prevalence of anxiety and depression among Palestinian university students: a cross-sectional study during COVID-19 pandemic. *Middle East Current Psychiatry*, 29(1), pp.1-10.

2. **Al-Othman, N.**, Rabayaa, M. and Ghanim, M., (2022). The molecular basis of the severe acute respiratory syndrome coronavirus 2 (sars-cov-2). *Palestinian Medical and Pharmaceutical Journal (Pal. Med. Pharm. J.)*, 7(2), pp.None-None.
3. Saeedi, M., **Al-Othman, N.**, Rabayaa, M., & Dwaikat, S. (2022). An investigation into religious awareness as a crucial factor in adherence to COVID-19 medical directives in Palestine. *BMC public health*, 22(1), 1336. <https://doi.org/10.1186/s12889-022-13767-9>.
4. Jabali, O., Saeedi, M., Rabayaa, M., & **Othman, N.** (2022). Zoom dysmorphia in e-teaching: shifting the value from attributes to appearance. *Education and Information Technologies*, 1–19. Advance online publication. <https://doi.org/10.1007/s10639-022-11470-1>.
5. Saeedi, M., **Al-Othman, N.**, & Rabayaa, M. (2021). Breaching the bridge: an investigation into doctor-patient miscommunication as a significant factor in the violence against healthcare workers in Palestine. *BioMed research international*, 2021.
6. **Al-Othman, N.**, Ghanim, M., & Alqaraleh, M. (2021). Comparison between smoking and nonsmoking palestinian medical students in the health-promoting behaviors and lifestyle characteristics. *BioMed Research International*, 2021..
7. Alqaraleh, M., Kasabri, V., Al-Majali, I., Aljaafreh, A., **Al-Othman, N.**, Khleifat, K., ... & al Majali, M. (2021). Branched chain amino Acids as in vitro and in vivo Anti-Oxidation Compounds. *Research Journal of Pharmacy and Technology*, 14(7), 3899-3904.
8. Alqaraleh, M., Kasabri, V., Aljaafreh, A., Al-Majali, I., **Al-Othman, N.**, Khleifat, K., ... & Khwaldeh, A. S. (2021). Evaluation of the Antiglycation Effect of Branched Chain Amino Acids and Phytochemical Compounds on RAW 264.7 Cell Line and their Synergistic Effect on Colorectal Cancer Cell Line Panel: doi.org/10.26538/tjnpr/v5i1. 11. *Tropical Journal of Natural Product Research (TJNPR)*, 5(1), 88-93.
9. Ghanim, M., **Al-Othman, N.**, Rabayaa, M., & Alqaraleh, M. (2021). Gender differences in health-promoting behaviors and psychological well-being of Palestinian medical students based on the HPLP II. *Palestinian Medical and Pharmaceutical Journal (Pal. Med. Pharm. J.)*, 7(2), None-None.
10. Jbara, A., Saidi, I., Ishtayah, M., Ghanim, M., **Al-Othman, N.**, & Rabayaa, M. (2021). Familial versus sporadic multiple sclerosis in Palestine: a retrospective

cross-sectional pilot study. *Palestinian Medical and Pharmaceutical Journal (Pal. Med. Pharm. J.)*, 8(1), None-None.

11. **Al-Othman, N.**, Alhendi, A., Ihbaisha, M., Barahmeh, M., Alqaraleh, M., & Al-Momany, B. Z. (2020). Role of CD44 in breast cancer. *Breast disease*, 39(1), 1-13.

12. **Al-Othman, N.**, Ahram, M., & Alqaraleh, M. (2020). Role of androgen and microRNA in triple-negative breast cancer. *Breast Disease*, 39(1), 15-27.

13. **Al-Othman, N.**, Ali-Shtayeh, M., Jamous, R., & Alqaraleh, M. (2020). Evaluation of genotypic differences in strains of *Candida albicans* from infant patients with cutaneous candidiasis in Palestine. *Romanian Archives of Microbiology and Immunology*, 79(3), 170-180.

14. **Al-Othman, N.**, Hammad, H., & Ahram, M. (2018). Dihydrotestosterone regulates expression of CD44 via miR-328-3p in triple-negative breast cancer cells. *Gene*, 675, 128-135.

15. Alqaraleh, M., Kasabri, V., & **Al-Othman, N.** (2019). Evaluation of pancreatic and extra pancreatic effects of branched amino acids. *Romanian Journal of Diabetes Nutrition and Metabolic Diseases*, 26(2), 199-209.

16. **Al-Othman, N.**, Hammad, H., & Ahram, M. (2018). Type of serum as a cell culture supplement influences regulation of MicroRNA expression in breast MDA-MB-231 cancer cells.

17. Mohammed, S. A. S., Rana, M. J., **Nihad, H. A.**, Moatasem, H. A. B., Salam, Y. A. Z., Omar, Y. M., & Rania, M. J. (2015). Genotyping and antifungal susceptibility of *Candida albicans* strains from patients with vulvovaginal and cutaneous candidiasis in Palestine. *African Journal of Microbiology Research*, 9(13), 952-959

### **Conferences:**

1. International symposium on the use of collaborative cross mice to identify genetic of complex diseases. 21<sup>st</sup> October, 2017. Faculty of Medicine and Health Sciences, An-najah National University, Nablus, Palestine.
2. Wastewater reuse for irrigation of non-food crop plants in Palestine 14<sup>th</sup> October, 2017. Biodiversity and Environmental Research Center. Nablus, Palestine.
3. I participated in Middle East Molecular Biology Sources (MEMBS) conference 3-6. 2018 Oct. Jordan representing An-Najah National University

### **Seminars:**

1. 29<sup>th</sup> October, 2017. Faculty of Nursing and Allied Medical Sciences, Arab American University, Jenin, Palestine entitled “Role of androgens in microRNA expression in TNBC”
2. 25<sup>th</sup> October, 2017. Faculty of Pharmacy, Nursing, Health Professions, Birzeit University, Birzeit, Palestine. Entitled “Role of androgens in microRNA expression in TNBC”
3. 11<sup>th</sup> October, 2017. Faculty of Medicine, An-najah National University, Nablus, Palestine. Entitled “Role of androgens in microRNA expression in TNBC”

### **Referees:**

1. Dr. Khalil Issa Dean of faculty of medicine and health sciences  
NNU, Nablus, Palestine.  
(mobile 0599208667)      **Email ([k.issa@najah.edu](mailto:k.issa@najah.edu))**
2. Prof. Dr. Mohammad Asia Dean of faculty of Allied medical  
sciences  
(mobile 0599991253)      **Email ([mohammad.asia@aauj.edu](mailto:mohammad.asia@aauj.edu))**  
Arab American University, Jenin, Palestine.
3. Prof. Dr. Mamoun A. Ahram, Cancer biology, biochemistry School of  
Medicine, The University Of Jordan, Amman, Jordan.  
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