

Curriculum Vitae

Personal and Biographic Information:

Name: **Ahmed Mahmoud Mousa.**

Date of Birth: Feb 22, 1995.

Place of Birth: Nablus, Palestine.

Nationality: Palestinian.

Marital Status: Single.

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Palestine.

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Education:

September, 2012– June, 2016 **B.Sc. in Medical Laboratory Sciences**, Bachelor of Science in Medical Laboratory Sciences,
Faculty of Medicine and Health Sciences, An-Najah National University,
Nablus Palestine.
Date of Graduation: **June of 2016.**

August, 2010 – July 2012 **High School Diploma in Scientific Stream**, Palestinian General Secondary School Certificate Examination.
Muscat Secondary School, Nablus, Palestine.

Current/Prior Work Experience:

August 22, 2016 – Till now **Research and Teaching Assistant**, Central Research Laboratory of the Department of Biomedical Sciences, Faculty of Medicine and Health Sciences, An-Najah National University, Nablus Palestine.

August, 2013 – June, 2016 **Class Representative and Coordinator** for Undergraduate Students of Laboratory Medicine Program, Faculty of Medicine and Health Sciences, An-Najah National University, Nablus Palestine.

Current/Prior Training:

April 1 – April 30, 2016.	Practical Training Internship in Biochemistry Laboratory , Al-Rahama Medical Centre, Nablus, Palestine. (Indirect Patient Care) Supervisor: Ms. Reem Al-Masri.
March 1–March 31, 2016.	Practical Training Internship in Routine Labs Section , Alwatani Governmental Hospital, Palestinian Ministry of Health, Nablus, Palestine . (Indirect Patient Care) Supervisor: Ms. Afifi Naser.
Feb 1 – Feb 28, 2016.	Practical Training Internship in Microbiology Laboratory , An-Najah National University Hospital, Nablus, Palestine . (Indirect Patient Care) Supervisor: Dr. Adham Abu Taha.
Jan 1 – Jan 31, 2016.	Practical Training Internship in Blood Bank Laboratory , Rafidia Surgical Hospital, Nablus, Palestine . (Direct Patient Care) Supervisor: Mr. Durgham Yassin.

Research Laboratory Skills:

- ELISA.
- DNA Extraction.
- PCR.
- Migration test for cells.
- Gel Electrophoresis.
- Cell and tissue culture.
- Cytotoxicity Test.
- Handling mice for medical research.
- Antimicrobial Tests.
- Scratch and collagen test for cells.
- Microbiology technique: (bacteria culture, isolation and identification), (API20 and sensitivity test for bacteria).
- Urine, Stool and Semen analysis.

Language Fluency:

- **Arabic** (Native/ functionally native).
- **English** (Very Good in Reading, Listening, Writing and Speaking).

Publications:

- “**Lipopolysaccharide Influence on Leptin Hormone and TNF- α Release from Human Adipose Tissue**”. Saad Al-Lahham; Nidal Jaradat; Malek Al-Qub; Abdallah Hamayel; Abdalrahman Assaassa; Faris Hammad; **Ahmed Mousa**; Fouad Nafaa; Abdelkarem Barqawi; Ziad Abdeen. The European Journal of Inflammation. May 3, 2018.

- **Chemical Constituents, Antioxidant, Cyclooxygenase Inhibitor, and Cytotoxic Activities of *Teucrium pruinosum* Boiss. Essential Oil.** Nidal Jaradat, Saad Al-lahham, Murad Abualhasan, Ahmed Mousa, Jihan Hammad, Abrar Bakri, Haneen Zaid, Fatima Hussein, Linda Issa, Reem Speih. The BioMed Research International Journal, July 30, 2018.
- **Enhancement of Wound Healing by Single-wall/Multi-wall carbon nanotubes complexed with chitosan.** Naim Kittana, Mohee Asaleh, Ahmed Mousa, Rama Hindawi, Marah Zakarna, Lina Ghannam. The international journal of Nanomedicine. November 8, 2018.
- **“Chemical Fingerprinting, Anticancer, Anti-inflammatory and Free Radical Scavenging Properties of *Calamintha fenzlii* Vis. Volatile Oil from Palestine”.** Nidal Jaradat, Saad Allahham, Murad N. Abualhasan, Duaa Ghannam, Khansa Mousa, Hala Kolayb, Fatima Hussein, Linda Issa, Ahmed Mousa. Arabian Journal of Science and Engineering, June 28, 2019
- ***Carlina Curetum* plant phytoconstituents, enzymes inhibitory and cytotoxic activity on cervical epithelial carcinoma and colon cancer cell lines.** Nidal Amin Jaradat^a, Saad Al-lahham^b, Abdel Naser Zaid^a, Fatima Hussein^a, Linda Issa^a, Murad N Abualhasan^a, Mohammed Hawash^a, Amjad Yahya^a, Omar Shehadi^a, Rashed Omair^a, Ahmad Mousa^b. European Journal of Integrative Medicine. September, 2019.
- ***Rhus Coriaria* (Sumac) extract reduces migration capacity of uterus cervix cancer cells.** Samer Abdullah, Ibrahim Abu-Reidah, Ahmed Mousa, Tamara Abdel-Latif. Revista Brasileira de Farmacognosia. 15 July, 2019.
- **Antioxidant, Antimicrobial and Cytotoxic properties of four different extracts derived from the roots of *Nicotiana Tabacum* L.** Saad Al-Lahham, Reem sbieh, Nidal Amin Jaradat, Motasem Almasri, Ahmed Mousa, Abdallah Hamayel, Faris Hammad. European Journal of Integrative Medicine. January 2020.
- **Carbohydrates and lipids metabolic enzymes inhibitory, antioxidant, antimicrobial and cytotoxic potentials of *Anchusa ovata* Lehm. from Palestine.** Nidal Amin Jaradat, Mohammad Qadi, Murad Abualhasan, Saad Al-Lahham, Fuad Al-Rimawi, Suhaib Hattab, Fatima Hussein, Dana Zakarneh, Ibrahim Hamad, Imad Sulayman, Linda Issa, Ahmed Mousa. European Journal of Integrative Medicine. February 2020.
- **Synthesis, Biological Activity, and Molecular Modeling Studies of Pyrazole and Triazole Derivatives as Selective COX-2 Inhibitors.** Mohyeddin Assali, Murad Abualhasan, Hadeel Sawaftah, Mohammed Hawash, Ahmed Mousa. Hindawi Journal of Chemistry, March 24, 2020.
- **Design, synthesis and biological evaluation of novel benzodioxole derivatives as COX inhibitors and cytotoxic agents.** Mohammed Hawash, Nidal Jaradat, Saba Hameedi, Ahmed Mousa. BMC Chemistry. 07 September, 2020.
- ***Nepeta curviflora* essential oil: Phytochemical composition, antioxidant, anti-proliferative and anti-migratory efficacy against cervical cancer cells, and α -glucosidase, α -amylase and porcine pancreatic lipase inhibitory activities.** Nidal Amin Jaradat, Nawaf Al-Maharik, Samer Abdalla, Ramzi Shawahna, Ahmed Mousa, Abeer Qtishat. Industria Crops and Products. 15 December 2020.
- **Synthesis and Biological Evaluation of Benzodioxole Derivatives as Potential Anticancer and Antioxidant agents.** Mohammed Hawash, Ahmed M Eid, Nidal Jaradat, Murad Abualhasan, Johnny Amer, Abdel Alnaser Zaid, Saja Draghmeh, Donia Daragmeh, Tahrir Shtayeh, Hadeel Sawaftah and Ahmed Mousa. Heterocyclic Communications 26 Nov. 2020.
- **Antiamylase, Antilipase, Antimicrobial, and Cytotoxic Activity of *Nonea obtusifolia* (Willd.) DC. From Palestine.** Nidal Jaradat, Murad Abualhasan, Mohammad Qadi, Linda Issa, Ahmed Mousa, Fathia Allan, Mohammad Hindi, and Zaid Alhrezat. BioMed Research International. 02 Dec. 2020.

- **Antibacterial, Anticandidal, Phytochemical, and Biological Evaluations of Pellitory Plant.** Mohammad Qadi, Nidal Jaradat, Saad Al-lahham, Iyad Ali, Murad N. Abualhasan, Naser Shraim, Fatima Hussein, Linda Issa, Ahmed Mousa, Abdalraziq Zarour, Amani Badrasawi, Aseel M. Baarah, and Reem Al-Omari. BioMed Research International. 21 Dec. 2020

Research Experience:

- **Curcumin Extract Effect on Adipokines Production from Human Adipose Tissue.** Saad Al-Lahham; Nidal Jaradat; Malek Al-Qub; Abdallah Hamayel; Abdalrahman Assaassa; Faris Hammad; Ahmed Mousa; Fouad Nafaa; Abdelkarem Barqawi; Ziad Abdeen.
- **. Molecular Characterization of Colistin Resistant Gram-Negative Isolates from Poultry Farms in Palestine.** Mohamad Qadi, Rasha Khaiat, Ahmed Mousa. **(dual project with France).**

Course taught:

- Molecular and cellular biology training course (4 times)

References:

- **Dr. Khalil Ibraheem Issa,**
Dean of Faculty of Medicine and Health Sciences,
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An-Najah National University,
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