



CURRICULUM VITAE

Nour H. M. Aboalhaja

Pharmaceutical sciences/ Pharmacy,

Al-Zaytoonah University of Jordan

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1. Personal Data

Date of Birth: 10th of May 1983

Nationality: Jordanian

2. Education

Ph.D., Pharmaceutical sciences 2019- Excellent (3.97/4), The University of Jordan, Amman, Jordan.

M.Sc. Pharmaceutical sciences 2016- Excellent (3.91/4), The University of Jordan, Amman, Jordan.

B.Sc. Pharmacy 2006- Excellent (90.7/100), Jordan University of Science and Technology, Irbid, Jordan.

3. Ph.D. Dissertation

Isolation and Structural Determination of the Major Components of the Fruits and Leaves of *Schinus molle* L. Grown in Jordan and Evaluation of the Wound Healing Potential of the Plant's Different Extracts In-vitro and In-vivo Using Suitable Pharmaceutical Formulations, University of Jordan, Amman, Jordan.



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4. Employment

Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan. October 20, 2019 – now
- Instructor, Faculty of pharmacy, Al Zarqa University. Sep 2015 - July 2017

Administrative Positions

Not Applicable

5. Research Interests

- Phytochemical analysis of medicinal plants.
- Identification of naturally isolated plants via different analytical methods.
- Investigation the biological activity of naturally occurring active constituents and plant extract both *in vitro* and *in vivo*.
- Essential oils extraction, chemical and biological evaluation.

6. Membership in Scientific Societies and Associations

- Jordan Pharmacists Association

7. Fellowships and Scholarships

- The Jordanian Ministry of Higher Education's Scholarship of Scientific Research Support Fund for Outstanding PhD Students.

9. Teaching Experience

Undergraduate Courses



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- Phytochemistry
- Pharmacognosy
- Phytotherapy
- Kinetics
- Physical pharmacy
- Pharmaceutics

Supervision of Graduate Research

- Hala Abu-Lawi (Phytochemical screening and antiproliferative activity of *Varthemia montana* grown in Jordan), May 2023- January 2024.
- Haya Ameerah (Anti-inflammatory Activity of *Verbascum sinaiticum* Grown in Jordan), October 2022- August 2023
- Heba Syaj (Chemical and Biological Evaluation of Lavender -*Lavandula angustifolia* and *Lavandula stoechas*- grown in Jordan), October 2021-August 2022.

Thesis Examination

- Msc thesis “Green gels for topical delivery prepared from orange peels: Investigation of rheology and antimicrobial and antioxidant activities”; January, 2023.
- Msc thesis “Effect of black gram seeds extract (*Vigna mungo* (L.) Hepper) alone and in combination with doxorubicin on different breast cancer cell lines: In vitro and in vivo study”; January, 2023.
- Msc thesis “Evaluation of the anticancer and antimicrobial activities of four herbs used traditionally as ingredients of ghee (Samin Al-baladi) in Jordan”; Applied Science University. Defense date: Jun, 2021.

10. Grants

- “Evaluation the Anti-Cancer Activity of Plants Extracts and Phytochemicals of Medicinal Plants Grown in Jordan” 23 / 07 / 2022-2023, The Deanship of Scientific Research at Al-Zaytoonah University of Jordan, (23,806 USD).
- “Study of the effectiveness of alcoholic extracts and chemical products of some of the popular medicinal plants in Jordan as anti-inflammatory” (9/11/2021-2022), The Deanship of Scientific Research at Al-Zaytoonah University of Jordan, (25,425 USD).
- “Novel nanofibers of gold nanoparticles for treatment of diabetic wounds”; Co-Investigator, (01/2020), The Deanship of Scientific Research at Al-Zaytoonah University of Jordan, (31,430 USD).



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11. Membership of Committees

International

- Editorial Manager online submission and peer review tracking system for Chemistry and Biodiversity Journal (29/8/2022- Now)

National

- Jordan Pharmacists Association (JPA).
- Pharmaceutical Drug Registration Committee at Jordan Food and Drug Administration (JFDA): Member and scientific consultant (10/2021- Now).
- Jordan Journal of Pharmaceutical Sciences (JJPS): Reviewer (1/2020- Now).

Al-Zaytoonah University of Jordan

- Quality assurance committee, a Faculty committee (Member), 10/2023- now.
- The Scientific research committee, a Faculty committee (Member), 10/2022- 10/2023.
- The Committee for Extra-Curricular activities and Community Services, a Faculty committee (Chair), 10/2021-10/2022.
- The Curriculum committee, a Faculty committee (Member), 10/2020- Now.
- The Committee for Extra-Curricular activities and Community Services, a Faculty committee (Member), 10/2020-10/2021.

12. Professional and Scientific Meetings

- ASU-UNICAM Pharmacy Scientific Day. Speaker "Lavender, an Incident Plant with New Biological Activities" May 21th, 2023.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2022), Amman, Jordan, October 18th - 20th, 2022.
- International Conference on Applied Chemistry and Biotechnology (ICACB-2022), May 10th- 12th, 2022.



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- The University of Jordan, The School of Pharmacy 2021 Conference, April 7th - 8th, 2021.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2019), Amman, Jordan, November 6th - 7th, 2019.
- Jordanian Chemistry Conference 16th, speaker “Essential Oil of *Schinus molle* Growing in Jordan: Chemodiversity and Antiproliferative Activity”, October 10th - 11th, 2019.
- MEMBS – Middle East Molecular Biology Sources 2018.

13. Publications

- Awwad O., **Aboalhaija N.**, Abaza I., Abbassi R., Kailani M., Al-Jaber H. and Afifi F. U.; *Chromatographic (LC-MS and GC-MS) and biologic (antiproliferative) evaluation of a naturalized plant in Jordan: Parkinsonia aculeata L.*, Herbal Medicine, (2023), 100659.
- **Aboalhaija N.**, Syaj H., Afifi F., Sunoqrot S., Al-Shalabi E. and Talib W. *Chemical Evaluation, In Vitro and In Vivo Anticancer Activity of Lavandula angustifolia Grown in Jordan*, Molecules, (2022) 27, 5910.
- Lafi Z., **Aboalhaija N.**, and Afifi F.; *Ethnopharmacological importance of local flora in the traditional medicine of Jordan:(A mini review)*, Jordan Journal of Pharmaceutical Sciences, (2022) 15(1), 132-144.
- Al-Mterin M., **Aboalhaija N.**, Abaza I., Kailani M., Zihlif M. and Afifi F.; *Chromatographic Analysis (LC-MS and GC-MS), Antioxidant Activity, Total Phenol and Total Flavonoid Determination of Ononis natrix L. Grown in Jordan*, Jordan Journal of Chemistry, 16(1), (2021) 31–39.
- Mahmoud N., Qabooq H., Alsotari S., Tarawneha O., **Aboalhaija N.**, Shraim S., Alkilany A., Khalil E. and Abu-Dahab R., *Quercetin-gold nanorods incorporated into nanofibers: development, optimization and cytotoxicity*, RSC Advances, 11, (2021), 19956-19966.
- Als Salman H., **Aboalhaija N.**, Talib W., Abaza I., and Afifi F.; *Evaluation of the Single and Combined Antibacterial Efficiency of the Leaf Essential Oils of Four Common Culinary herbs: Dill, Celery, Coriander and Fennel Grown in Jordan*, Journal of Essential Oil Bearing Plants, 24(2), (2021), 317-328.



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- Abaza I., **Aboalhaija N.**, Alsalman H., Talib W., and Afifi F.; *Aroma Profile, Chemical Composition and Antiproliferative Activity of the Hydrodistilled Essential Oil of a Rare Salvia Species (Salvia greggii)*, Journal of Biologically Active Products from Nature, 11(2), (2021), 129-137.
- **Aboalhaija N.**, Afifi F., Al-Hassaini M., Al-Najjar M., Abu-Dahab R., Hasen E., Rashed M., Abdel Haq S., and Khail E.; *In Vitro and In Vivo Evaluation of the Wound Healing Potential of the Extracts of Schinus molle L.(Anacardiaceae) Grown in Jordan*, Indian Journal of Pharmaceutical Sciences, 83(2), (2021), 252-261.
- Al-Mahmood O., **Aboalhaija N.**, Abaza I., Talib W., and Afifi F., *Investigations on the spontaneous emitted and hydrodistilled volatiles of Platycladus orientalis (L.) Franco grown in four different biogeographic zones of Jordan*, Biochemical Systematics and Ecology, (2020), 92, 104109.
- **Aboalhaija N.**, Awwad O., Khalil E., Abbassi R., Abaza I., and Afifi F.; *Chemodiversity and Antiproliferative Activity of the Essential Oil of Schinus molle Growing in Jordan*, Chemistry and Biodiversity, 16 (11), (2019), e1900388.
- **Aboalhaija N.**, Amro R., Abaza I., Khalil E., Al-Aboudi A., Abu-Zarga M., and Afifi F.; *Schinus Molle L. Collected from Jordan and Turkey: Essential Oil Composition and Anticholinesterase Activity*, Journal of Essential Oil Bearing Plants, 22 (2019), 704-716.
- **Aboalhaija N.**, Zihlif M., and Taha M., *Discovery of New Selective Cytotoxic Agents against Bcl-2 Expressing Cancer Cells Using Ligand-Based Modeling*, Chemo-biological interactions, 250 (2016), 12-26.
- Shahin R., Swellmeen L., Shaheen O., **Aboalhaija N.**, and Habash M.; *Identification of Novel Inhibitors for Pim-1 Kinase Using Pharmacophore Modeling Based on a Novel Method for Selecting Pharmacophore Generation Subsets*, Journal of computer-aided molecular design, 30 (2016), 39-68.