

CURRICULUM VITAE

Nour H. M. Aboalhaija

Pharmaceutical sciences/ Pharmacy,

Al-Zaytoonah University of Jordan

Phone: +962 796304081

E-mail: n.aboalhaija@zuj.edu.jo



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

Thesis Examination

- Msc thesis “Evaluation of the anticancer and antimicrobial activities of four herbs used traditionally as ingredients of ghee (Samin Al-baladi) in Jordan”; Defense date: Jun, 2021.

10. Grants

- “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).
- “Study of the effectiveness of alcoholic extracts and chemical products of some of the popular medicinal plants in Jordan as anti-inflammatory” Co-Investigator, (9/11/2021-2022), The Deanship of Scientific Research at Al-Zaytoonah University of Jordan, (25,425 USD).

11. Membership of Committees

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).

International

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

Al-Zaytoonah University of Jordan



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- The Scientific research committee, a Faculty committee (Member), 10/2022- Now.
- 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

- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2022), Amman, Jordan, 18th to 20th of October 2022.
- International Conference on Applied Chemistry and Biotechnology (ICACB-2022), 10th- 12th of May 2022.
- The University of Jordan, The School of Pharmacy 2021 Conference, 7th to 8th April 2021.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2019), Amman, Jordan, 6th to 7th of November 2019.
- Jordanian Chemistry Conference 16th, speaker “Essential Oil of *Schinus molle* Growing in Jordan: Chemodiversity and Antiproliferative Activity” 10th to 11th October 2019.
- MEMBS – Middle East Molecular Biology Sources 2018.

13. Publications

- **Nour H. Aboalhaija**, Heba Syaj, Fatma Afifi, Suhair Sunoqrot, Eveen Al-Shalabi and Wamidh Talib ‘Chemical Evaluation, *In Vitro* and *In Vivo* Anticancer Activity of *Lavandula angustifolia* Grown in Jordan’, *Molecules*, (2022) 27, 5910.
- Zainab Lafi, **Nour Aboalhaija**, and Fatma Afifi. ‘Ethnopharmacological importance of local flora in the traditional medicine of Jordan:(A mini review)’, *Jordan Journal of Pharmaceutical Sciences*, (2022) 15, no. 1.



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- Mohammad A. Al-Mterin, **Nour H. Aboalhaja**, Ismail F. Abaza, Mohammad H. Kailani, Malek A. Zihlif and Fatma U. Afifi '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.
- Nouf N. Mahmoud, Haneen Qabooq, Shrouq Alstori, Ola A. Tarawneha, **Nour Aboalhaja**, Sawsan Shraim, Alaaldin M. Alkilany, Enam A. Khalil and Rana Abu-Dahab, 'Quercetin-gold nanorods incorporated into nanofibers: development, optimization and cytotoxicity', *RSC Advances*, 11, (2021), 19956-19966.
- Al-Hasan Alsalman, **Nour Aboalhaja**, Wamidh Talib, Ismail Abaza, and Fatma Afifi, '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.
- Ismail Abaza, **Nour Aboalhaja**, Alhasan Alsalman, Wamidh Talib, and Fatma Afifi, '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.
- **Nour Aboalhaja**, Fatma Afifi, Maysa Al-Hassaini, Mohammad Al-Najjar, Rana Abu-Dahab, Eliza Hasen, Maha Rashed, Sara Abdel Haq, and Enam Khalil, '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.
- Osama Al-Mahmood, **Nour Aboalhaja**, Ismail Abaza, Wamidh Talib, and Fatma Afifi, '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.
- **Nour Aboalhaja**, Oriana Awwad, Enam Khalil, Reem Abbassi, Ismail F. Abaza, and Fatma U. Afifi, 'Chemodiversity and Antiproliferative Activity of the Essential Oil of *Schinus molle* Growing in Jordan', *Chemistry and Biodiversity*, 16 (11), (2019), e1900388.



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- **Nour Aboalhajja**, Razan Amro, Ismail Abaza, Enam Khalil, Amal Al-Aboudi, Musa Abu-Zarga, and Fatam U. Afifi, '*Schinus Molle* L. Collected from Jordan and Turkey: Essential Oil Composition and Anticholinesterase Activity', *Journal of Essential Oil Bearing Plants*, 22 (2019), 704-716.
- **Nour Aboalhajja**, Malek A. Zihlif, and Mutasem O. Taha, 'Discovery of New Selective Cytotoxic Agents against Bcl-2 Expressing Cancer Cells Using Ligand-Based Modeling', *Chemico-biological interactions*, 250 (2016), 12-26.
- Rand Shahin, Lubna Swellmeen, Omar Shaheen, **Nour Aboalhajja**, and Maha Habash, '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.