

Date: 2025

CURRICULUM VITAE



PERSONAL INFORMATION

Faculty Member Name: ALA' Y SIRHAN
Academic Rank: Assistant Professor
College: Pharmacy
Department: Pharmacy
Nationality: Jordanian
Address: Amman Jordan
Phone No: 0790487265
E-mail: a.sirhan@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Chemistry, Mu'tah University, 1995.
- M.Sc. in Analytical Chemistry & Instrumental Analysis, University of Malaya, 2008.
Project / theses title: Application of Headspace Solid Phase Microextraction coupled with Gas Chromatography-Mass Spectrometry for Determination of Organophosphorus Pesticide Residues in Vegetables and Fruits
- Ph.D. in Analytical Chemistry, University of Malaya, 2012.
Dissertation title: Development and Validation of Chromatographic Methods for the Determination of Mycotoxins in Food.

ACADEMIC EXPERIENCE

- Duration: 14 years
- University: Amman Arab University
- Academic Rank: Assistant Professor
- Date the rank was granted: 2012
- The body granting the rank: Isra' University
- College: Pharmacy
- Country: Jordan

NON-ACADEMIC EXPERIENCE

- Duration: 10 years
- Institution: Jordan Food and Drug Administration



- Department: Laboratories Directorate
- Country: Jordan

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

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CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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HONORS AND AWARDS

- PhD Distinction Thesis Award

SERVICE ACTIVITIES

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THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Qais A, ..., Sirhan, A. Y. (2025). Exploring Quinazoline as a Scaffold for Developing Novel Therapeutics in Alzheimer's Disease. *Molecules*. 30(3), 555.
2. Ismail, M... Sirhan, A. Y. (2024). Novel Nano-Composite Phase Change Material with Silica Fume for Construction Applications. *Case Studies in Thermal Engineering*. 63(3), 105283.
3. Sirhan, A. Y., ... (2024). Development of a HPLC-UV Method for four(4) PDE5 Inhibitors Determination in Honey-Mixed Herbal. *Academic Medicine*. Accepted.
4. Sirhan, A. Y., ... (2024). Optimized HPLC-UV methodology for the simultaneous quantification of multiple preservatives in Jordanian yogurt products. *Jordan Journal of Pharmaceutical Sciences*. Accepted.
5. Sirhan, A. Y., Alrashdan, Y, Al-Ebini, Y., Hassouneh, L., Ghrear, T., & Abdulra'uf, L. (2024). Comparative Analysis of Histamine in Fresh and Processed Fish Sold in Jordanian Market. *Jordan Journal of Pharmaceutical Sciences*. 17(1), 123–130.
6. Jarrar, Q., ..., Sirhan, A. Y. (2024). Unveiling the Antinociceptive Mechanisms of Methyl-2-(4- chloro-phenyl)-5-benzoxazoleacetate: Insights from Nociceptive Assays in Mice. *European Review for Medical and Pharmacological Sciences*, 28(5), 2068–2083.
7. Abudayeh, Z., ..., Sirhan, A. Y. (2024). Bryonia Alba L.-A Prospective Medicinal Plant of the Cucurbitaceae Family. *Farmacia*, 72(1), 10–27.

8. Sirhan, A. Y., Alrashdan, Y, Najdawi, M., Hassouneh, L., Talhouni, A, Abuirmeileh, A., Jarrar, Q., Ayoub, R., Abdulra'uf (2023). Determination of Ochratoxin A Content of 90 Spice and Herb Samples using ELISA Method. *Journal of Medicine and Life*, 16(9), 1393-1399.
9. Junaid, A... Sirhan, A. Y. (2023) Combination of Cellulose Derivatives and Chitosan-Based Polymers to Investigate the Effect of Permeation Enhancers Added to In Situ Nasal Gels for the Controlled Release of Loratadine and Chlorpheniramine. *Songklanakarin Journal of Science & Technology*, 45(5), 599–604.
10. Hassouneh, L... Sirhan, A. Y. (2023) Acetylcysteine modulates sphingolipid levels by inhibiting neutral sphingomyelinase during aging in rat tissues. *Acta Poloniae Pharmaceutica - Drug Research*, 80(1), 45-51.
11. Alrashdan, Y, Aljaf, K., Najdawi, M., Sirhan, A. Y. (2023). Occult Hepatitis B in Blood Donation Centers. *Journal of Medicine and Life*, 16(4), 571-578.
12. Sirhan, A. Y., Alrashdan, Y, Mostafa, A., Talhouni, A., & Al-Ebini, Y. (2023). Optimization and Validation of an HPLC-UV Method for the Determination of Vardenafil, Sildenafil, and Tadalafil in Honey-Mixed Herbal Sachets Using a Design of Experiment. *Jordan Journal of Pharmaceutical Sciences*. 18(3), 148-162.
13. Viswanadhan Vasantha, P... Sirhan, A. Y. (2023) Combination of Cellulose Derivatives and Chitosan-Based Polymers to Investigate the Effect of Permeation Enhancers Added to In Situ Nasal Gels for the Controlled Release of Loratadine and Chlorpheniramine. *Polymers*, 15(5), 1206.

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

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RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/authid/detail.uri?authorId=26030701100>
- <https://scholar.google.com/citations?user=bn5QKgYAAAAJ&hl=en>

LANGUAGES

- Arabic
- English