

Date: 2025

CURRICULUM VITAE



PERSONAL INFORMATION

Faculty Member Name: ALA' Y SIRHAN
Academic Rank: Associate Professor
College: Pharmacy
Department: Pharmacy
Nationality: Jordanian
Address: Amman Jordan
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ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Chemistry, Mu'tah University, 1995.
- B.S. in Pharmacy, Isra' University, 2005.
- 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: Associate Professor
- Date the rank was granted: 2025
- The body granting the rank: Amman Arab University 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. Abualasal, Q., ..., **Sirhan, A. Y.** (2025). Exploring Quinazoline as a Scaffold for Developing Novel Therapeutics in Alzheimer's Disease. *Molecules*. 30(3), 1-12.
2. Ismail, M., ..., **Sirhan, A. Y.** (2024). Novel Nano-Composite Phase Change Material with Silica Fume for Construction Applications. *Case Studies in Thermal Engineering*. 36, pp.
3. **Sirhan, A.**, Alrashdan, Y., ..., & Fataftah, R. (2024). Detection Of Aflatoxin M1 In Milk in Jordan. *African Journal of biomedical Research*. 27, pp. 9265-9261.
4. **Sirhan, A. Y.**, ... (2024). Development of a HPLC-UV Method for four(4) PDE5 Inhibitors Determination in Honey-Mixed Herbal. *Latin American Journal of Pharmacy*. 43 (12), 2688-2697.
5. **Sirhan, A. Y.**, ... (2024). Optimized HPLC-UV methodology for the simultaneous quantification of multiple preservatives in Jordanian yogurt products. *Jordan Journal of Pharmaceutical Sciences* 17 (3), 481-491.
6. **Sirhan, A. Y.**, Alrashdan, Y., Al-Ebini, Y., Hassounah, 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.
7. 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.
8. Abudayeh, Z., ..., **Sirhan, A. Y.** (2024). Bryonia Alba L.-A Prospective Medicinal Plant of the Cucurbitaceae Family. *Farmacia*, 72(1), 10-27.
9. **Sirhan, A. Y.**, Alrashdan, Y., Najdawi, M., Hassounah, 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.
10. 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.
 11. 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.
 12. 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.
 13. **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.
 14. 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.
 15. Abdulra'uf, L. B., **Sirhan, A. Y.**, & Tan, G. H. (2020). Review of Ionic Liquids in Microextraction Analysis of Pesticide Residues in Fruit and Vegetable Samples. *Chromatographia*. 83, 11-33.

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