

دائرة الموارد البشرية
Human Resources Department

Date .20/10/2020



ALA' Y SIRHAN

PERSONAL INFORMATION

Title: Assistant Professor

Academic Rank: Assistant Professor

Date & Place of Birth:1972 Saudi Arabia

Nationality: Jordanian

Address: Amman- Jordan

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ACADEMIC QUALIFICATIONS

Degree	Major	University	Country
PhD	Analytical Chemistry	University of Malaya	Malaysia
MSc	Analytical Chemistry & Instrumental Analysis	University of Malaya	Malaysia
BSc	Chemistry	Mu'tah University	Jordan
Diploma	Pharmacy	AlQadesiyah College	Jordan

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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2020-present	Assistant Professor	Amman Arab University	College of Pharmacy	Jordan
2018-2019	Assistant Professor	Amman Arab University	College of Pharmacy	Jordan
2016-2018	Assistant Professor	Applied Science University	Department of Basic Science	Jordan
2013-2016	Assistant Professor	Batterjee Medical College	College of Pharmacy	Saudi Arabia
2012-2013	Assistant Professor	Isra' University	College of Pharmacy	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2001 – 2009; 2018 – 2020	Senior Analytical Chemist	Jordan Food and Drug Administration	Quality Control Laboratory (QCL)	Jordan
2009 –2012	Research Assistant	University of Malaya	Faculty of Science	Malaysia

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PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
<ul style="list-style-type: none"> 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. <i>Chromatographia</i>, 83, 11–33. Sirhan, A. Y., Wong, R. C. S., Abdulra'uf, L. B., Abd Aljabar, J., Mostafa, A., & Talhouni, A. . (2019). Quantitative Determination of ethanol in “Alcohol-Free” beverages, energy drinks and fruit juices by Gas Chromatography. <i>Asian Journal of Agriculture and Biology</i>. 7 (2), 1-1. Sirhan, A. Y. (2018). Optimization and Validation of an HPLC-UV Method for determination of benzoic acid and sorbic acid in yogurt and dried-yogurt products using a design of experiment, <i>Indonesian Journal of Chemistry</i>, 18 (3), 522-530. Sirhan, A. Y., Abdulra'uf, L. B., Mostafa, A., Talhouni, A., & Al-Ebini, Y. (2018). Development and validation of an RP-HPLC method for simultaneous determination of sorbic acid, benzoic acid, and natamycin in domestic yogurt in Jordan. <i>International Journal of Applied Engineering Research</i>, 13 (7), 4693-4701. Abdulra'uf, L. B., Sirhan, A. Y., & Tan, G. H. (2015). Applications of Experimental Design to the Optimization of Microextraction Sample Preparation Parameters for the Analysis of Pesticide Residues in Fruits and Vegetables. <i>Journal of AOAC International</i>, 98 (5), 1171-1185. Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2014). QuEChERS -HPLC Method for Aflatoxin Detection of Domestic and Imported Food in Jordan. <i>Journal of Liquid Chromatography & Related Technologies</i>, 37 (3), 321-342. Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2013). Determination of Aflatoxins in Food using Liquid Chromatography Coupled with Electrospray Ionization Quadrupole Time of Flight Mass Spectrometry (LC-ESI-QTOF-MS/MS). <i>Food Control</i>, 31 (1), 35-44. Abdulra'uf, L. B., Sirhan, A. Y., & Tan, G. H. (2012). Recent Developments and Applications of Liquid Phase Microextraction in Fruits and Vegetable Analysis. <i>Journal of Separation Science</i>, 35 (24), 3540-3553. Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2012). QuEChERS extraction and HPLC-FLD determination of Ochratoxin A in cereals and cereal Products. <i>Asian Journal of Chemistry</i>, 24(10), 4551- 4554. Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2012). Simultaneous detection of type A and type B trichothecenes in cereals by liquid chromatography coupled with electrospray ionization quadrupole time of flight mass spectrometry (LC-ESI-QTOF-MS/MS). <i>Journal of Liquid Chromatography & Related Technologies</i>, 35, 1945–1957. 				

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- **Sirhan, A. Y.,** Tan, G. H., & Wong, R. C. S. (2011). Method Validation in the Determination of Aflatoxins in Noodle Samples using the QuEChERS Method (Quick, Easy, Cheap, Effective, Rugged and Safe) and High Performance Liquid Chromatography Coupled to a Fluorescence Detector (HPLC-FLD). *Food Control*, 22(12), 1807-1813.
- Khayamian, T., Tan, G. H., **Sirhan, A.,** Siew, Y. F., & Sajjadi, S. M. (2009). Comparison of Three Multi-Way Models for Resolving and Quantifying Bifenthrin and Tetramethrin using Gas Chromatography-Mass Spectrometry. *Chemometrics and Intelligent Laboratory Systems*, 96(2), 149-158.

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
• Sirhan, A. Y., Wong, R. C. S., Mohammad, Y. M., Mostafa, A., & Talhouni, A. (2011).	Quantitative Determination of ethanol in “Alcohol-Free” beverages, energy drinks and fruit juices by Gas Chromatography.	Oral presentation and proceeding in International Food Science and Agrotechnology Conference 2018 (IFoSAC 2018), August 7 – 9 th 2018, Universiti Malaysia Terengganu (UMT), Kuala Terengganu, Malaysia.		
• Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2011).	Simultaneous detection of type A and type B trichothecenes in cereals by liquid chromatography coupled with electrospray ionization quadrupole time of flight mass spectrometry (LC-ESI-QTOF-MS/MS).	Oral presentation and proceeding in The 13th International Symposium Advances in Extraction Technologies 2011(ExTech 2011), September 27 – 29 th 2011, Putra World Trade Centre, Kuala Lumpur, Malaysia.		
• Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2010).	Method Validation in the Determination of Aflatoxins in Noodle Samples using the QuEChERS Method (Quick, Easy, Cheap, Effective, Rugged and Safe) and High Performance Liquid Chromatography Coupled to a Fluorescence Detector (HPLC-FLD).	Oral presentation and proceeding in The Mini-symposium University of Malaya and Wageningen University, 22 nd February 2011, Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia.		
• Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2010).	Method Validation in the Determination of Aflatoxins in Noodle Samples using the QuEChERS Method (Quick, Easy, Cheap, Effective, Rugged and Safe) and High Performance Liquid Chromatography Coupled to a Fluorescence Detector (HPLC-FLD).	Poster presentation and proceeding in The 11th EURASIA CONFERENCE, CHEMISTRY CARES, 06-10 th October 2010, The Dead Sea, Jordan.		
• Sirhan, A. Y., Tan, G. H., & Wong, R. C. S. (2010).	Method Validation in the Determination of Aflatoxins in Noodle Samples using the QuEChERS Method (Quick, Easy, Cheap, Effective, Rugged and Safe) and High Performance Liquid			

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Chromatography Coupled to a Fluorescence Detector (HPLC-FLD). Oral presentation and proceeding in The 6th Mathematics and Physical Science Graduate Congress 2010 (6th MPSGC 2010), 13– 15th December 2010, Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia.

- **Sirhan, A. Y.** (2009). Simultaneous Determination of Multi-Mycotoxins and their Metabolites in Cereals By LC/QTOF-MS/MS. Poster presentation and proceeding in The International Symposium of Forensic Science & Environmental Health 2009, 10-11th November 2009 , Putra World Trade Centre, Kuala Lumpur, Malaysia

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

Jordanian Chemical Society

UNIVERSITY COMMITTEES

WORKSHOPS ATTENDED

Attended several specialized development workshops, such as: - Teaching Methodologies - Short Answer exam preparation; Multiple Choice exam preparation; Intended Learning Outcomes - Quality Assurance - Course portfolio preparation - statistical software (such as Minitab, SPSS, JMP and Unscrambler X).

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WORKSHOPS OFFERED

RESEARCH INTERESTS

My research interests lie in the field of analytical separation techniques and multivariate data analysis.

AWARDS RECEIVED

PhD Distinction Thesis Awards.