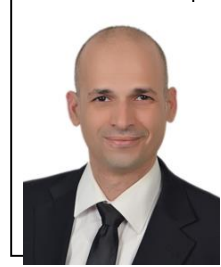


Date .20/10/2020

ALA' Y SIRHAN



### PERSONAL INFORMATION

Title: Assistant Professor

Academic Rank: Assistant Professor

Date & Place of Birth:1972 Saudi Arabia

Nationality: Jordanian

Address: Amman- Jordan

Phone No.:

e-mail:a.sirhan@aau.edu.jo

### 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

### 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

**PUBLICATIONS**

<b>JOURNALS</b>				
Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
	<ul style="list-style-type: none"> <li>Abdulra'uf, L. B., <b>Sirhan, A. Y.</b>, &amp; 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. <a href="https://doi.org/10.1007/s10337-019-03818-6">https://doi.org/10.1007/s10337-019-03818-6</a>.</li> <li><b>Sirhan, A. Y.</b>, Wong, R. C. S., Abdulra'uf, L. B., Abd Aljabar, J., Mostafa, A., &amp; 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. <a href="https://www.asianjab.com/wp-content/uploads/2019/06/2.-AJAB-P14.pdf">https://www.asianjab.com/wp-content/uploads/2019/06/2.-AJAB-P14.pdf</a> .</li> <li><b>Sirhan, A. Y.</b> (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. <a href="https://doi.org/10.22146/ijc.27675">https://doi.org/10.22146/ijc.27675</a>.</li> <li><b>Sirhan, A. Y.</b>, Abdulra'uf, L. B., Mostafa, A., Talhouni, A., &amp; 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. <a href="https://www.ripublication.com/ijaer18/ijaerv13n7_13.pdf">https://www.ripublication.com/ijaer18/ijaerv13n7_13.pdf</a> .</li> <li>Abdulra'uf, L. B., <b>Sirhan, A. Y.</b>, &amp; 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.</li> <li><b>Sirhan, A. Y.</b>, Tan, G. H., &amp; Wong, R. C. S. (2014). QuEChERS -HPLC Method for Aflatoxin Detection of Domestic and Imported Food in Jordan. <i>Journal of Liquid Chromatography &amp; Related Technologies</i>, 37 (3), 321-342.</li> <li><b>Sirhan, A. Y.</b>, Tan, G. H., &amp; 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.</li> <li>Abdulra'uf, L. B., <b>Sirhan, A. Y.</b>, &amp; 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. <a href="https://doi.org/10.5740/jaoacint.SGE3Abdulrauf">https://doi.org/10.5740/jaoacint.SGE3Abdulrauf</a></li> <li><b>Sirhan, A. Y.</b>, Tan, G. H., &amp; 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. <a href="http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=24_1">http://www.asianjournalofchemistry.co.in/User/ViewFreeArticle.aspx?ArticleID=24_1</a></li> </ul>			

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- **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). *Journal of Liquid Chromatography & Related Technologies*, 35, 1945–1957.
- **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. <https://doi.org/10.1080/10826076.2011.627613>.
- 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. <https://doi.org/10.1016/j.chemolab.2009.01.005>

## CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
• <b>Sirhan, A. Y.</b> , 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 <sup>th</sup> 2018, Universiti Malaysia Terengganu (UMT), Kuala Terengganu, Malaysia.		
• <b>Sirhan, A. Y.</b> , 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 <sup>th</sup> 2011, Putra World Trade Centre, Kuala Lumpur, Malaysia.		
• <b>Sirhan, A. Y.</b> , 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 <sup>nd</sup> February 2011, Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia.		
• <b>Sirhan, A. Y.</b> , 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			

دائرة الموارد البشرية  
**Human Resources Department**

Chromatography Coupled to a Fluorescence Detector (HPLC-FLD). Poster presentation and proceeding in The 11th EURASIA CONFERENCE, CHEMISTRY CARES, 06-10<sup>th</sup> 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 Chromatography Coupled to a Fluorescence Detector (HPLC-FLD). Oral presentation and proceeding in The 6th Mathematics and Physical Science Graduate Congress 2010 (6<sup>th</sup> MPSGC 2010), 13– 15<sup>th</sup> 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, 10-11<sup>th</sup> November 2009 , Putra World Trade Centre, Kuala Lumpur, Malaysia

## MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

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Jordanian Chemical Society

## UNIVERSITY COMMITTEES

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## WORKSHOPS ATTENDED

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دائرة الموارد البشرية  
**Human Resources Department**

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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.

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## **AWARDS RECEIVED**

PhD Distinction Thesis Awards.

