


September
2024

[MOHAMMAD HARB SEMREEN]

UNIVERSITY OF SHARJAH
COLLEGE OF PHARMACY

MOHAMMAD HARB SEMREEN
FACULTY MEMBER CREDENTIALS



	First Name	Mohammad
	Last Name	Semreen
	Job Title	Professor
	Nationality	Jordan
	Gender	Male
	Email	msemreen@sharjah.ac.ae
	Telephone	06-505-7419
	Room	Office: M23-147

EDUCATIONAL BACKGROUND

From		To		
MM	YY	MM	YY	
	1997		2001	PhD in Pharmaceutical Sciences (Pharmaceutical Chemistry), Pharmaceutical Chemistry Department Messina University, Italy
	1992		1996	Bachelor in Pharmacy Messina University, Italy

PROFESSIONAL SUMMARY

From		To			
MM	YY	MM	YY		
	2021			Full Professor of Medicinal Chemistry, College of Pharmacy University of Sharjah, Sharjah, UAE	To date
9	2016	9	2024	Chairman of Medicinal Chemistry Department, College of Pharmacy University of Sharjah, Sharjah, UAE	To date
	2014		2021	Associate Professor of Medicinal Chemistry University of Sharjah, Sharjah, UAE	
	2011		2011	Visiting Assistant Professor, Department of Pharmaceutical Sciences, College of Pharmacy University of Kentucky, USA	
	2007		2014	Assistant Professor of Medicinal Chemistry, College of Pharmacy University of Sharjah, Sharjah, UAE	
	2004		2006	Chairman of Pharmaceutical Chemistry Department Isra University, Amman, Jordan	

PUBLICATIONS (SELECTED)

YY	
2024	Abufares HI, Zenati RA, Soares NC, El-Huneidi W, Dahabiyeh LA, Al-Hroub HM, Alqudah MA, Abuhelwa AY, Alzoubi KH, Abu-Gharbieh E, Fararjeh MA, Abu-Irmaileh B, Bustanji Y, Mohammad H. Semreen* . A Non-Targeted Metabolomics Comparative Study on Plasma of Pfizer and Sinopharm COVID-19 Vaccinated individuals, Assessed by (TIMS-QTOF) Mass Spectrometry. Heliyon. 2024 Jul 30.
2024	Giddey AD, Hagyousif YA, Soares NC, Al-Hroub HM, Rani KA, Zaher DM, Omar H, Al Kawas S, Mohammad H. Semreen* , Al-Rawi N. Comparative Proteomic Analysis of Saliva from Chewing Tobacco Users and Oral Cancer Patients Reveals Shared Biomarkers: A case control observational study. Journal of Dentistry. 2024 Jul 30:105268.

September
2024

[**MOHAMMAD HARB SEMREEEN**]

2024	Bustanji Y, Taneera J, Bargooth A, Abuhelwa A, Issa A, El-Huneidi W, Abu-Gharbieh E, Alzoubi K, Alqudah MA, Alhusban A, Hamad I, Mohammad H. Semreen . Exploring the global landscape of self-medication among students: Trends, risks, and recommendations for safe and responsible practices. <i>Pharmacy Practice</i> . 2024 Mar 6;22(1):1-4.
2024	Fatima M. Al-Daffaie, Sara F. Al-Mudhafar, Aya Alhomsy , Hamadeh Tarazi, Ahmed M. Almehdi, Waseem El-Huneidi, Eman Abu-Gharbieh, Yasser Bustanji, Mohammad A. Y. Alqudah, Ahmad Y. Abuhelwa , Adnane Guella, Karem H. Alzoubi, and Mohammad H. Semreen* . Metabolomics and Proteomics in Prostate Cancer Research: Overview, Analytical Techniques, Data Analysis, and Recent Clinical Applications. Accepted for publication 2024, <i>International Journal of Molecular sciences</i> .
2024	Ahmed M, Semreen AM, Giddey AD, Ramadan WS, El-Awady R, Soares NC, El-Huneidi W, Bustanji Y, Alqudah MAY, Alzoubi KH, Mohammad H. Semreen* . Proteomic and metabolomic signatures of U87 glioblastoma cells treated with cisplatin and/or paclitaxel. <i>Ann Med</i> . 2023;55(2):2305308. doi: 10.1080/07853890.2024.2305308. Epub 2024 Jan 22. PMID: 38253025; PMCID: PMC10810643.
2024	Alshamsi MA, Mosa KA, Khan AA, Mousa M, Ali MA, Soliman SS, Mohammad H. Semreen . Biosynthesized Silver Nanoparticles from <i>Cyperus conglomeratus</i> Root Extract Inhibit Osteogenic Differentiation of Immortalized Mesenchymal Stromal Cells. <i>Current Pharmaceutical Biotechnology</i> . 2024 Aug 1;25(10):1333-47.
2024	Semerjian L, Wardah R, Almatrook K, Kamali L, Almadhani S, Mohammad H. Semreen Abass K. Quantification and Environmental Burden of Trace Metals in Disposable Facemasks Widely Used in UAE during COVID-19 Pandemic. 2024 .
2024	Dakilah I, Harb A, Abu-Gharbieh E, El-Huneidi W, Taneera J, Hamoudi R, Semreen MH , Bustanji Y. Potential of CDC25 phosphatases in cancer research and treatment: key to precision medicine. <i>Frontiers in Pharmacology</i> . 2024 Jan 19;15:1324001.
2023	Lina A. Dahabiyeh, Farah Hudaib, Wafa Hourani, Wesam Darwish, Bashaer Abu-Irmaileh, Pran Kishore Deb, Katharigatta N. Venugopala, Viresh Mohanlall, Sandeep Chandrashekarappa, Rana Abu-Dahab, Mohammad H. Semreen , and Yasser Bustanji. "Mass Spectrometry-Based Metabolomics Approach and in Vitro Assays Revealed Promising Role of 2,3-Dihydroquinazolin-4(1H)-One Derivatives Against Colorectal Cancer Cell Lines." <i>European Journal of Pharmaceutical Sciences</i> 2023 , 106378. doi: 10.1016/J.EJPS.2023.106378.

2023	Munazza Ahmed, Ahlam M. Semreen, Waseem El-Huneidi, Yasser Bustanji, Eman Abu-Gharbieh, Mohammad A. Y. Alqudah, Ahmed Alhusban, Mohd Shara, Ahmad Y. Abuhelwa, Nelson C. Soares, Mohammad H. Semreen* , and Karem H. Alzoubi. "Preclinical and Clinical Applications of Metabolomics and Proteomics in Glioblastoma Research." <i>International Journal of Molecular Sciences</i> 2023 , Vol. 24, Page 348 24(1):348. doi:
2023	Ruba A. Zenati, Alexander D. Giddey, Hamza M. Al-Hroub, Yousra A. Hagyousif, Waseem El-Huneidi, Yasser Bustanji, Eman Abu-Gharbieh, Mohammad A. Y. Alqudah, Mohd Shara, Ahmad Y. Abuhelwa, Nelson C. Soares, and Mohammad H. Semreen* . "Evaluation of Two Simultaneous Metabolomic and Proteomic Extraction Protocols Assessed by Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry." <i>International Journal of Molecular Sciences</i> 2023 , Vol. 24, Page 1354 24(2):1354. doi: 10.3390/IJMS24021354.
2022	Alsoud LO, Soares NC, Al-Hroub HM, Mousa M, Kasabri V, Bulatova N, Suyagh M, Alzoubi KH, El-Huneidi W, Abu-Irmaileh B, Bustanji Y, Mohammad H. Semreen* , Identification of Insulin Resistance Biomarkers in Metabolic Syndrome Detected by UHPLC-ESI-QTOF-MS, <i>Metabolites</i> , 2022 , 1; 12 (6): 508. doi: 10.3390/metabo12060508.
2022	Sharaf BM, Giddey AD, Alniss H, Al-Hroub HM, El-Awady R, Mousa M, Almehdi A, Soares NC, Mohammad H. Semreen , Untargeted Metabolomics of Breast Cancer Cells MCF-7 and SkBr3 Treated With Tamoxifen/Trastuzumab, <i>Cancer Genomics Proteomics</i> , 2022 ;19 (1):79-93. doi: 10.21873/cgp.20305.
2021	Abdallah Shanableh; Sourjya Bhattacharjee; Sama Alani; Noora Darwish; Mohamed Abdallah; Muath Mousa; Mohammad Semreen , Assessment of sulfamethoxazole removal by nanoscale zerovalent iron, <i>Science of the Total Environment</i> , 761, 20, 2021 , 143307.
2020	Mohammad H. Semreen , Hasan Alniss, Stefano Cacciatore, Rafat El-Awady, Muath Mousa, Ahmed M. Almehdi, Waseem El-Huneidi, Luiz Zerbini, and Nelson C. Soares. 2020 . "GC-MS Based Comparative Metabolomic Analysis of MCF-7 and MDA-MB-231 Cancer Cells Treated with Tamoxifen and/or Paclitaxel." <i>Journal of Proteomics</i> 225. doi: 10.1016/J.JPROT.2020.103875.
2019	Mohammad H. Semreen , Hasan Y. Alniss, Stefan Grgic, Rafaat El-Awady, Ahmed Almehdi, Muath K. Mousa, Rifat Hamoudi. GC-MS based comparative metabolomics of MCF-7 breast cancer cells using different extraction solvents assessed by mass spectroscopy, <i>scientific reports</i> , 2019 , 9(1):13126.
2019	Mohammad H. Semreen , Mohammed I. El-Gamal, Saif Ullah, Saquib Jalil , Sumera Zaib, Chang-Hyun Oh, Joanna Lecka, Jean Sévigny, and Jamshed Iqbal, Synthesis, biological evaluation, and molecular docking study of sulfonate derivatives as nucleotide pyrophosphatase (NPPs), <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, (13), 2741-2752.
2018	Mohammad H. Semreen , Hasan Y. Alniss, Muath K. Mousa, Rafaat El-Awady, Farman Khan, and Khalid Abu Al-Rub, Quantitative study of doxorubicin in the exosomes of A549/MCF-7 cancer cells and human plasma using liquid chromatography-tandem mass spectrometry, <i>Saudi Pharm. J.</i> 2018 , 26 (7),1027-1034.
2017	Radeef, W., Shanableh, A., Mohammad Semreen , Saadoun, I., Extraction solvent's effect on biogas production from mixtures of date seed and wastewater sludge, 2017 , MATEC Web of Conferences.

September
2024

[*MOHAMMAD HARB SEMREEN*]

PROFESSIONAL MEMBERSHIPS

Committee	Member/ Chair	Organization	Duration of Experience	
			From	To
Ph.D. program in pharmaceutical sciences.	Chair	UoS	2020	
Master program in pharmaceutical sciences.	Member	UoS	2016	Present
Establishment of a specialized quality assurance analytical laboratory for Chemical, Health, and Environmental Analysis	Chair/ Lab Director	UoS	2015-	Present
Purchasing and Laboratories	Chair	UoS	2009	Present
College of Pharmacy space needs	Chair	UoS	2018	
Promotion& Recruitment	Member	UoS	2016	2018
Curriculum	Member	UoS	2016	Present
Teaching and Learning Approaches	Member	UoS	2018	
Student Affairs	Member	UoS	2017	Present
Incentive Teaching Award	Member	UoS	2016	
Establishment of Ph.D. Program in biomedical and Pharmaceutical Sciences.	Member	UoS	2016	Present
Establishment of MSc Program in Pharmaceutical Sciences	Member	UoS	2015	2019
University Council	Elected Member	UoS	2014	2015
Examination	Chair	UoS	2012	2015
College Council	Member	UoS	2007	2013
			2016	Present
Faculty Development	Chair	UoS	2016	Present
Innovation Box, Scientific Advisory Board Member, Biomedical Sciences Track	Member	UoS	2012	2015
Health Insurance	Member	UoS	2012	2014
Faculty Affairs	Member	UoS	2012	2014
Curriculum	Member	UoS	2014	Present
Laboratory & Safety	Member	UoS	2014	Present
Faculty Grievance	Member	UoS	2007	2008
Student Affairs & Advising	Member	UoS	2008	2009
Academic Accreditation	Member	UoS	2015	2019
Purchasing & Laboratories	Chair	Isra University-Jordan	2002	2007
College Council	Member	Isra University-Jordan	2002	2007

September
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University Council	Member	Isra University- Jordan	2004	2005
Students Training	Member	Isra University- Jordan	2002	2007
Quality Assurance	Member	Isra University- Jordan	2002	2008
Curriculum	Member	Isra University- Jordan	2002	2006

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