



Abdulmalik Mohammed H Alqarni, MSc, PhD.

Assistant professor

Personal Data

Nationality | Saudi

Date of Birth | December 29, 1988

Department | Pharmaceutical Chemistry, College of Clinical Pharmacy

Official IAU Email | amalqarni@iau.edu.sa

Office Phone No. | 01333-35548

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2020	PhD (Pharmaceutical analysis)	United Kingdom	Strathclyde Institute of Pharmacy and Biomedical Sciences, University of Strathclyde
2016	Master of pharmaceutical analysis	United Kingdom	Strathclyde Institute of Pharmacy and Biomedical Sciences, University of Strathclyde
2012	BSc. of pharmaceutical science	Saudi Arabia	Collage of Pharmacy, King Saud University

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	A Study of the Metabolic Immune Responses produced by some Natural Products
Master	Mass Spectrometry Based Metabolomics Profiling of Cell Culture Models



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant professor	Imam Abdulrahman Bin Faisal University	2020-present
Lecturer	Imam Abdulrahman Bin Faisal University	2017-2020
Teaching Assistant	Imam Abdulrahman Bin Faisal University	2014-2017
Drug Evaluator	Saudi Food and Drug Authority	2012-2014

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Abdur Rauf, Anees Ahmed Khalil, Muneeb Khan, Sirajudheen Anwar, Abdulwahab Alamri, Abdulmalik M. Alqarni , Adel Alghamdi, Farhan Alshammari, Kannan R. R. Rengasamy & Chunpeng Wan	Can be marine bioactive peptides (MBAs) lead the future of foodomics for human health?	Critical Reviews in Food Science and Nutrition, (2021)p.1-79.
2	Hany H. Arab, Ahmed M. Ashour, Abdulmalik M. Alqarni , El-Shaimaa A. Arafa and Ahmed M. Kabel	Camel Milk Mitigates Cyclosporine-Induced Renal Damage in Rats: Targeting p38/ERK/JNK MAPKs, NF-kB, and Matrix Metalloproteinases	Biology, 10(5), p.442. (2021)
3	Alotaibi, A., Ebiloma, G.U., Williams, R., Alfayez, I.A., Natto, M.J., Alenezi, S., Siheri, W., AlQarni, M. , Igoli, J.O., Fearnley, J. and De Koning, H.P..	Activity of Compounds from Temperate Propolis against Trypanosoma brucei and Leishmania mexicana	Molecules, 26(13), p.3912 (2021)
4	Abdel-Gawad, Sherif A., Obaid Afzal, Hany H. Arab, Alhumaidi B. Alabbas, and Abdulmalik M. Alqarni .	Fabrication of Membrane Sensitive Electrodes for the Validated Electrochemical Quantification of Anti-Osteoporotic Drug Residues	Molecules 26 (16) (2021) p.5093.



		in Pharmaceutical Industrial Wastewater.	
5	Abdullah Alotaibi, Abdulmalik Alqarni , Adel Alghamdi, Dave Watson, James Fearnley, Mohammed Al Rofaidi	A Preliminary Study of the Absorption and Metabolism of Temperate Propolis by Human Subjects	Journal of Food Nutrition and Metabolism (2020)
6	Alqarni, A. M. , Dissanayake, T., Nelson, D. J., Parkinson, J. A., Dufton, M. J., Ferro, V. A., & Watson, D. G.	Metabolomic profiling of the immune stimulatory effect of eicosenoids on PMA-differentiated THP-1 cells	<i>Vaccines</i> , 7(4), 142.(2019)
7	Alqarni, A.M. , Niwasabutra, K., Sahlan, M., Fearnley, H., Fearnley, J., Ferro, V.A. and Watson, D.G.	Propolis exerts an anti-inflammatory effect on PMA-differentiated THP-1 cells via inhibition of purine nucleoside phosphorylase	<i>Metabolites</i> , 9(4), p.75.(2019)
8	Alqarni, A. , Ferro, V., Parkinson, J., Dufton, M. and Watson, D.,	Effect of melittin on metabolomic profile and cytokine production in PMA-differentiated THP-1 cells	<i>Vaccines</i> , 6(4), p.72.(2018)

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Alqarni, A.M., Niwasabutra, K., Sahlan, M., Fearnley, H., Fearnley, J., Ferro, V.A. and Watson, D.G.	Propolis exerts an anti-inflammatory effect on PMA-differentiated THP-1 cells via inhibition of purine nucleoside phosphorylase	Scottish Metabolomics Network Symposium, Dundee, UK. 2018.
2	Abdulmalik M. Alqarni, Samyah Alanazi, Valerie A. Ferro, David G. Watson	Metabolomic Profiling of the Effects of Melittin in combination with LPS on Bone Marrow Macrophages Cells Using Mass Spectrometry	Scottish Metabolomics Network Symposium, Glasgow, UK. 2017



Current Researches

#	Research Title	Name of Investigator(s)
1	A novel natural deep eutectic solvent for green dispersive liquid-liquid microextraction of paraben from cosmetics samples	Abdulmalik M. Alqarni, Ahmed Mostafa, Heba Shaaban, Rizwan Ahmed, Mohammed Aldholmi, Arwa Alghamdi, Batool Hasheeshi and Danyah Albashrayi
2	Determination of concentrations of bisphenol A and its alternatives in breast milk of Saudi women using high performance liquid chromatography–tandem mass spectrometry	Abdulmalik M. Alqarni, Ahmed Mostafa, Heba Shaaban, Rizwan Ahmed, Mohammed Aldholmi, Arwa Alghamdi, Batool Hasheeshi and Danyah Albashrayi
3	A novel natural thymol-based deep eutectic solvent for green dispersive liquid-liquid microextraction of sulfonamides in water and fruit juice samples	Meshal Alghamdi, Abdulmalik Alqarni, Heba Shaaban and Ahmed Mostafa
4	Monitoring of Bisphenol A and its alternatives in thermal paper receipts from Saudi Arabia: Assessment of human daily exposure	Abdulmalik M. Alqarni, Ahmed Mostafa, Heba Shaaban, Meshaal Alqhamdi, Ali Alammam and Hussein Alzarra
5	Metabolomics-based profiling and cytokine production of human macrophages exposed to bisphenol analogues using mass spectrometry analysis	Abdulmalik M. Alqarni, Ahmed Mostafa, Heba Shaaban, Faheem H. Pottoo, David G. Watson, Ali Alammam and Hussein Alzarra
6	Human health risk assessment of exposure to xenobiotics among population in Saudi Arabia	Ahmed Mostafa, Heba Shaaban, Mohamed ElSakkar, Abdulmalik Alqarni, Joseph Royes, Faheem Hyder Pottoo, David G. Watson, Ali Alammam and Hussein Alzarra

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Principles of drug design	PHCH 414.	▪ Course Coordinator.



			<ul style="list-style-type: none"> ▪ Taught half of the course to male and female students.
2	Medicinal Chemistry 2	PHCH 308	<ul style="list-style-type: none"> ▪ Course Coordinator. ▪ Taught half of the course to male and female students.
3	Medicinal Chemistry 3	PHCH 403	Taught half of the course to male and female students.
4	Organic chemistry 1	PHCH 203	Taught half of the course to male and female students.
5	Graduation Project	CLPH 507	Supervising and co-supervising students' graduation projects.

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1	Principles of drug design- PHCH 414	√		√		Jan. 2021	present
2	Medicinal Chemistry 2- PHCH 308	√		√		Jan. 2021	present
3	Medicinal Chemistry 3- PHCH 403		√	√		Sep. 2020	present
4	Organic chemistry 1- PHCH 203		√	√		Sep. 2020	present
5	Graduation Project		√	√		Sep. 2020	present

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate	12	Sep. 2020	June, 2021
2	Undergraduate	18	Sep. 2021	present



Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
1	Undergraduate	Determination of concentrations of bisphenol A and its alternatives in breast milk of Saudi women using high performance liquid chromatography–tandem mass spectrometry	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2021/2022
2	Undergraduate	Determination of veterinary antibiotics residues in infant milk formulas using UPLC-MS/MS	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2021/2022
3	Undergraduate	Novel natural deep eutectic solvents for green dispersive liquid-liquid microextraction: Application to extraction of quinolones from cow milk marketed in Saudi Arabia	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2021/2022
4	Undergraduate	Development of a green dispersive liquid-liquid microextraction method for determination of the endocrine disrupting chemicals leached from food packaging	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2021/2022
5	Undergraduate	Monitoring of bisphenol a and its alternatives in thermal paper receipts from Saudi Arabia: Assessment of human daily exposure	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2020/2021
6	Undergraduate	Deep eutectic solvents for dispersive liquid-liquid microextraction of sulfonamides from aqueous environemnts	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2020/2021
7	Undergraduate	Monitoring of synthetic phosphodiesterase type 5 inhibitors as possible adulterants in dietary supplements from Saudi market	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2020/2021
8	Undergraduate	Trace analysis of endocrine disrupting compound bisphenol A and some of its analogues in	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2020/2021



		food products marketed in Saudi Arabia		
9	Undergraduate	Development and validation of high-speed liquid chromatographic method for simultaneous determination of preservatives in condiments marketed in Saudi Arabia	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.	2020/2021

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	Dec. 2022	present	Vice Dean for Academic Affairs	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
2	Nov. 2021	present	Head of Pharmaceutical Chemistry Department	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
3	Mar. 2021	present	Pharmaceutical Studies and Consultations Center, Chair.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.

Committee Membership

#	From	To	Position	Organization
1	Dec. 2023	present	Curriculum committee, Chair.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
2	Jan. 2022	present	CCP strategic plan, member.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
3	Jan. 2021	present	Academic Advising and Student Support Unit, Chair.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
4	Jan. 2021	present	Learning resources support unit, Chair.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.
5	Jan. 2021	present	Research unit.	Collage of clinical pharmacy Imam Abdulrahman bin Faisal University.

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Workshop on Researcher Knowledge and Intellectual Abilities
---	---



2	Workshop on Researcher Personal Effectiveness
3	Workshop on Research Governance and Organisation
4	Workshop on Researcher Engagement, Influence and Impact
5	Workshop on Researcher Professional Development
6	Experience in HPLC and Mass spectrometry
7	Experience in cell culture and different types of samples preparation
8	Workshop on drug and residual solvents impurities

Last Update

24/11/2021