



# Dr. Mohammed Aldholmi

Assistant Professor

Head, Department of Natural Products and Alternative Medicine

## Personal Data

Nationality | SAUDI

Department | Natural Products and Alternative Medicine

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## Language Proficiency

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

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
July 2020	PhD in Discovery & Evaluation of Natural Products	UEA, UK	Norwich
November 2016	MSc in Medicinal Natural Products and Phytochemistry	UCL, UK	London
June 2012	B.Pharm	King Saud University, KSA	Riyadh

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

PhD	Microbial Natural Product Discovery through Nutritional and Epigenetic Manipulation
Master	Characterization and Optimization of Antibiotic-Producer Strain CB3

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University, Dammam	2020 - Present
Lecturer	Imam Abdulrahman Bin Faisal University, Dammam	2017 - 2020
Teaching Assistant	Imam Abdulrahman Bin Faisal University, Dammam	2013 - 2017
Narcotic licensing coordinator	AMCO, Riyadh	2012 - 2013



## 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	Rizwan Ahmad, Aljawharah Alqathama, <b>Mohammed Aldholmi</b> , Muhammad Riaz, Ashraf N. Abdalla, Ahmed Mostafa, Hamdi M. Al-Said, Abdulmalik M. Alqarni, Riaz Ullah, Sami S. Asgher, Mohd Amir, Heba Shaaban and Wasim Ahmad	Gas Chromatography-Mass Spectrometry (GC-MS) Metabolites Profiling and Biological Activities of Various Capsicum annum cultivars	Plants April 2022
2	<b>Mohammed Aldholmi</b> , Rizwan Ahmad, Daniel Carretero-Molina, Ignacio Pérez-Victoria, Jesús Martín, Fernando Reyes, Olga Genilloud Gourbeyre, Thierry Gefflaut, Hanne Carlsson, Alexei Maklakov, Robert A. Field, Ellis O'Neill, Barrie Wilkinson, Maria O'Connell, A Ganesan	Euglenatides, Potent Antiproliferative Cyclic Peptides Isolated from the Freshwater Photosynthetic Microalga <i>Euglena gracilis</i>	Angewandte Chemie International Edition March 2022
3	Rizwan Ahmad, Heba Shaaban, Sahar Y. Issa, Anwar Alsaad, Majd Alghamdi, Joud Hamid, Rand Osama, Sara Algarni, Ahmed Mostafa, Abdulmalik M. Alqarni, <b>Mohammed Aldholmi</b> & Muhammad Riaz	ICP-MS determination of elemental abundance in traditional medicinal plants commonly used in the Kingdom of Saudi Arabia	Food Additives & Contaminants: Part B March 2022
4	Rizwan Ahmad, <b>Mohammed Aldholmi</b> , Ahmed Mostafa, Aljawharah Alqathama, Alaa Aldarwish, Asma Abuhassan, Leena Alateeq, Salem Bubshait, Muath Aljaber, Saeed Aldossary	A novel green extraction and analysis technique for the comprehensive characterization of mangiferin in different parts of the fresh mango fruit ( <i>Mangifera indica</i> )	LWT - Food Science and Technology February 2022
5	Rizwan Ahmad, Muhammad Riaz, <b>Mohammed Aldholmi</b> et.al.	Development of a Critical Appraisal Tool (AIMRDA) for the Peer-Review of Studies Assessing the Anticancer Activity of Natural Products: A Step towards Reproducibility	Asian Pacific Journal of Cancer Prevention December 2021
6	Rizwan Ahmad, <b>Mohammed Aldholmi</b> , Aljawharah Alqathama, Saeed Aldossary, Salem Bubshait, Muath Aljaber, Asma Abuhassan, Alaa Aldarwish & Leena Alateeq	Green and novel ultrasonic extraction with UHPLC-MSMS analysis of natural sweetener (Glycyrrhizic acid) from <i>Glycyrrhiza glabra</i> ; a multifactorial mechanistic evaluation based on statistical analysis	Ultrasonics Sonochemistry September (2021)
7	<b>Mohammed Aldholmi</b> , Barrie Wilkinson & A. Ganesan	Epigenetic modulation of secondary metabolite profiles in <i>Aspergillus calidoustus</i> and <i>Aspergillus westerdijkiae</i> through histone deacetylase (HDAC) inhibition by vorinostat	The Journal of Antibiotics February (2020)
8	<b>Mohammed Aldholmi</b> , Pascal Marchand, Isabelle Ourliac-Garnier, Patrice Le Pape & A. Ganesan	A Decade of Antifungal Leads from Natural Products: 2010–2019	Pharmaceuticals December (2019)



## Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	27th Annual GP2A Medicinal Chemistry Conference	21st – 23rd August 2019 in Nottingham, UK.	Poster Presentation
2	RSC Chemical Biology and Bio-organic Group Postgraduate Symposium	26th April 2019 in Southampton, UK.	Poster Presentation
3	COST CM1406 Epigenetic Chemical Biology	18th – 20th February 2019 in Faro, Portugal.	Oral Presentation
4	30th International Symposium on the Chemistry of Natural Products and the 10th International Congress on Biodiversity (ISCNP30 & ICOB10)	25th – 29th November 2018 in Athens, Greece.	Poster Presentation

## Membership of Scientific and Professional Societies and Organizations

- American Society of Pharmacognosy, since 2022.
- Group of Medicinal Chemists of the Atlantic Arc (GP2A), since 2019.
- The Royal Society of Chemistry, since 2019.

## Teaching Activities

### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Pharmacognosy	NPAM-304	02+01=03 Cr. Hrs /week
2	Natural Products and Alternative Medicine	NPAM-311	03 Cr. Hrs /week
3	Pharmaceutical Biotechnology	PHCT513	02 Cr. Hrs /week

## Administrative Responsibilities, Committee and Community Service

### Administrative Responsibilities

#	From	To	Position	Organization
1	08/2022	Present	Head	Dept. of Natural Products and Alternative Medicine, College of Clinical Pharmacy, IAU



## Committee Membership

#	From	To	Position	Organization
1	Dec.2020	Present	Member "Research Unit"	Clinical Pharmacy, IAU, Saudi Arabia
2	Jan.2021	Present	Member "Curriculum committee"	Clinical Pharmacy, IAU, Saudi Arabia
3	April.2021	Present	Member "Postgraduate Unit"	Clinical Pharmacy, IAU, Saudi Arabia
4	April.2021	Present	Member "Center for Pharmaceutical Studies and Consultations"	Clinical Pharmacy, IAU, Saudi Arabia
5	Dec.2021	Present	Member "Pharmacy Bridging Program committee"	Clinical Pharmacy, IAU, Saudi Arabia
6	Jan.2022	Present	Member "Strategic Plan Committee"	Clinical Pharmacy, IAU, Saudi Arabia

## Last Update

11/2022