



FACULTY FULL NAME: Ahmad Majed Ahmad Al-Omar

POSITION: Lecturer

Personal Data /

Nationality | Saudi Arabian

Date of Birth | 18/11/1995

Department | Clinical Laboratory Sciences

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Office Phone No. | 0535864930

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
15/11/2022	MSc in Medical Microbiology	Manchester (University of Manchester)	Oxford st, Manchester
03/09/2019	BSc in Clinical Laboratory Sciences	Dhahran (Prince Sultan Military College of Health Sciences)	Al-Amal district, Dhahran city

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

PhD	
Master	In vitro efficacy of nordihydroguaiaretic acid in combination with amoxicillin against HA-MRSA.



Fellowship

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Lecturer of Clinical Microbiology	Clinical Laboratory Sciences Department, Applied Medical Sciences College, Imam Abdulrahman Bin Faisal University (IAU).	26/09/2024
Teaching Assistant of Clinical Microbiology	Clinical Laboratory Sciences Department, Applied Medical Sciences College, Imam Abdulrahman Bin Faisal University (IAU).	15/12/2019
Laboratory Technologist	Al-Mouwasat Hospital- AlKhobar	06/11/2019

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Head of the Alumni Committee in the Department of Clinical Laboratory Sciences.	N/A	Start: 06/02/2023 End: 12/08/2023

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
	Dr. Yasser Al-Naam, Dr. Salah El-Safi, Mr. Zeyad Al-Kharraz, Mrs. Thekra Al-muqati, Mr. Ahmad Alomar , Mr. Ebrahim Al-Balawi, Mr. Arulanantham Z. Jebakumar, Ms. Aisha Ghazwani, Mr. Saleh Al-Musabi, Mr. Sattam Al-Busaili, Mr. Fahad Mashwal and Dr. Eidan Al-Zahrani	Factors related to COVID-19 vaccine hesitancy in Saudi Arabia	Public Health in Practice 03/06/2022



Mr. Ahmad Alomar, Dr. Siju George and Mr. Zeyad Al-Kharraz	Prevalence of NDM-1 and OXA-48 among Enterobacteriaceae Isolates from Patients with Urinary Tract Infections at KFMMC Hospital, Dhahran, Saudi Arabia	Journal of Infection and Public Health 08/01/2019
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Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)
	Association of ADAMTS13 genetic polymorphism in Saudi population with the severity of coronary artery stenosis	Ms. Abrar Abdualaal, Dr. Faisal Al-Zahrani, Mr. Ahmad Alomar and Mr. Zeyad Al-Kharraz

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution



3 rd Gulf Congress of Clinical Microbiology & Infectious Diseases (GCCMID)	Dubai, United Arab Emirates	Participated with Poster Presentation

Membership of Scientific and Professional Societies and Organizations

- Post-Graduate Member of Microbiology Society
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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Parasitology	MLT322	Teaching protozoology lectures
2	Introduction to Microbiology	CLS207	Expert with teaching the whole course lectures
3	Clinical Microbiology	MLT314	Expert with teaching the whole course lectures
4	Virology	MLT323	Expert with teaching the whole course lectures
5	Clinical Immunology & Serology	MLT311	Teaching about vaccinology and infection & immunity lectures
6	Blood Banking Rotation	MLT412	Teaching transfusion medicine lectures
7	Molecular Biology	CLS202	Teaching the central dogma of prokaryotes (e.g. bacteria) which are DNA replication, mRNA transcription and protein translation

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Parasitology - MLT322 - This course is focused on teaching microorganisms known as parasites, their clinical effects, modes of transmission, disease development, as well as methods for diagnosis and prevention.
2	Introduction to Microbiology - CLS207 - This course is focused with teaching the fundamental principles of understanding microorganisms, specifically bacteria, and understanding their cellular biology and laboratory diagnosis. It also includes a general understanding of common laboratory procedures in microbiology labs.
3	Clinical Microbiology – MLT314 - This course is focused on teaching the most common bacterial and fungal infectious pathogens, their classification, laboratory cultivation



	methods, cellular characteristics, how they develop infections, the symptoms they cause, and methods for their diagnosis and prevention.
4	Virology – MLT323 - This course is focused on teaching the most common viruses that cause infections in humans, understanding how they are transmitted, how they develop diseases, the symptoms associated with the infections, as well as their diagnosis and the strategies for preventing them.
5	Clinical Immunology & Serology – MLT311 - This course is focused on teaching the mechanisms of the immune system and its components, including cells, protein compounds, and chemical mediators, as well as how the immune system responds to various conditions such as infections, allergies and tumors.
6	Blood Banking Rotation – MLT412 - The course is focused on teaching the principles of transfusion medicine, including the laboratory tests and procedures necessary to ensure high safety for both the blood donor and the recipient. It provides a deep understanding of blood types and how to prevent any serious immune responses in the patient due to the lack of necessary compatibility between the donor and the recipient.
7	Molecular Biology – CLS202 - The course is focused on teaching the general concepts of cell biology, with a particular emphasis on understanding the molecular mechanisms within both eukaryotic and prokaryotic cells. These mechanisms span from the moment of DNA replication to the production of proteins by the cell, where each protein has a vital and important biological function.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Undergr ad.	Postgrad .	From	To

Guest/Invited Lectures for Undergraduate Students



#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

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

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization
	09/11/2023	15/09/2024	Training Committee Member	Imam Abdulrahman Bin Faisal University, College of Applied Medical Sciences
	06/08/2023	15/09/2024	Alumni Committee Member	Imam Abdulrahman Bin Faisal University, College of Applied Medical Sciences



Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization

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

1	Data analysis
2	Leadership
3	Project Management
4	Emotional Intelligence

Last Update

17/10/2024

