



FACULTY FULL NAME: Norah Nazeer Alqazaq

POSITION: Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 10/04/1986

Department | Clinical Laboratory Sciences

Official IAU Email | nalqazaq@iau.edu.sa

Office Phone No. | -

Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Professional	Professional	Professional
Spanish	Intermediate	Intermediate	Elementary

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2021	PhD in Inflammation Sciences	The University of Manchester	Manchester-UK
2016	MSc in Clinical Biochemistry	The University of Manchester	Manchester-UK
2015	Diploma in English for Academic Purposes	University College London	London-UK
2008	BSc in Medical Laboratory Technology	Imam Abdulrahman Bin Faisal University	Dammam-KSA

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

PhD	Exploring mechanisms involved in the biosynthesis of cutaneous ceramides in health and disease- Pass
Master	Changes in number and distribution of macrophages during onset and resolution of sunburn inflammation in human skin- Merit



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant professor		Imam Abdulrahman Bin Faisal University- Dammam- KSA	2021-present
Teaching assistant		Imam Abdulrahman Bin Faisal University- Dammam- KSA	2010-2014

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
	Hawkshaw, N.J., Pilkington, S.M., Murphy, S.A., Al-Gazaq, N., Farrar, M.D., Watson, R.E., Nicolaou, A. and Rhodes, L.E.	UV radiation recruits CD4+GATA3+ and CD8+GATA3+ T cells while altering the lipid microenvironment following inflammatory resolution in human skin in vivo	Clinical and Translational Immunology- 2020

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
	Pilkington, S., Al-Gazaq, N., Murphy, S., Nicolaou, A. and Rhodes, L.	A single sunburn influences the immune component of human skin for up to 14 days.	European Society for Dermatological Research. Journal of Investigative Dermatology-2017

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	Department of Pharmacy and Optometry showcase	The University of Manchester- 2017	Oral presentation
	Department of Pharmacy and Optometry showcase	The University of Manchester- 2018	Poster presentation



Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Clinical Chemistry I	MLT-222	Lecture/ Lab.
2	Clinical Chemistry II	MLT-312	Lecture/ Lab.
3	Clinical Chemistry Rotation	MLT-422	Lecture
4	Medical Instrumentation	MLT-213	Lecture/ Lab.
5	Medical Genetics	MLT-225	Lecture
6	Laboratory Management	CLS-326	Lecture

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

MLT-222: The aim of this course is to describe the clinical significance of various biomarkers in correlation with different disorders. It also explains analytical principles of chemical diagnostic tests and sources of errors in specimen collection and processing.

MLT-312: At the end of this course, students should be able to perform laboratory tests for the assessment of body systems, describe the analytical principles of utilized tests, interpret the results and correlate them to disease state. Students should also recognize the pre-analytical, analytical, and post-analytical aspects of the diagnostic tests to assure the quality of laboratory tests.

MLT-422: During this course, students get extensive hands-on laboratory training under direct supervision of laboratory personnel of King Fahd Hospital of the University (KFHU). Students conduct routine analytical procedures in general and special chemistry laboratories, develop their professional skills, apply knowledge gained in the program, and demonstrate entry-level career competencies. Additionally, tutorial sessions are given in the university once a week to consolidate the theoretical background learned in the previous clinical chemistry courses.

MLT-213: This course provides basic knowledge of the clinical laboratory instruments and equipment, the principles of their operation, and their proper use.

MLT-225: An introductory course in which the principles of genetics are explored at cellular and chromosomal level. Patterns of inheritance and probabilities, cancer etiology, prenatal diagnosis, gene therapy, genetic counseling and ethical issues are also explored

CLS-326: The course provides the basic knowledge about the organization, planning, basic administrative, financial and quality management aspects of the laboratory. The course also discusses various managerial issues, such as resolving conflicts, stress management, motivation, communication strategies, leadership and team building.

Postgraduate



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Pathology of Diseases	CLS-702	Lecture/ seminar presentation

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

CLS-702	The course in Pathology of diseases provides an introduction to the mechanisms of disease and to the morphology and clinical characteristics of a broad spectrum of disease entities. To acquaint the student with advanced topics in pathologic processes, the course will aim to provide a foundation for the understanding of the disease states at the molecular, cellular, tissue, and organ levels.
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Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
	PhD	2 – The University of Manchester	2019	2021

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
	MRes	The effect of ceramides on circadian clock gene expression in human skin	The University of Manchester	2019

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

Administrative Responsibilities

#	From	To	Position	Organization
	2013	2014	Coordinator- Internship training committee	CLS department- Imam Abdulrahman Bin Faisal University



Committee Membership

#	From	To	Position	Organization
	2022	present	Member- NCAAA committee	CLS department- Imam Abdulrahman Bin Faisal University
	2022	present	Member- Internship training committee	CLS department- Imam Abdulrahman Bin Faisal University
	2017	2018	Member-Health and Safety committee	The University of Manchester
	2013	2014	Member- NCAAA committee	CLS department- Imam Abdulrahman Bin Faisal University

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

1	Public speaking; Proficient in MS Word, Excel, PowerPoint.
2	Scientific/ academic writing; Cell and tissue culture techniques; Sample analysis using highly complex methods such as Tandem Mass Spectrometry (UPLC/ESI-MS/MS), RT-qPCR, Next-Generation Gene Sequencing; Using specialized software for data processing and analysis, which include TargetLynx, Ingenuity Pathway Analysis (IPA®) and GraphPad Prism.

Last Update

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