



Dr. Afnan Ali Ibrahim Al Sultan

Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 25/10/1986

Department | Clinical Laboratory Sciences

Official UoD Email | afalsultan@iau.edu.sa

Office Phone No. | ex. 31361

Language Proficiency

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

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2017	Doctor of Philosophy (PhD)	The University of Sheffield	Sheffield, United Kingdom
2011	Master of Science (MSc)	The University of Sheffield	Sheffield, United Kingdom
2008	Bachelor of Science (BSc)	King Faisal University	Dammam, Saudi Arabia

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

PhD	The effects of TAR DNA binding protein mutations on RNA processing associated with Amyotrophic Lateral Sclerosis.
Master	Using In Vitro Transcription (IVT) microarray analysis to examine the difference between cytoplasmic and nuclear RNA.

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Assistant professor	Imam Abdulrahman Bin Faisal University	Dammam, Saudi Arabia	2017-to date
Lecturer	The University of Dammam	Dammam, Saudi Arabia	2013-2017
Demonstrator	The University of Dammam	Dammam, Saudi Arabia	2009-2013



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	Al Sultan, A. , Waller, R., Heath, P., Kirby J.	The Genetics of Amyotrophic Lateral Sclerosis: Current Insights.	Degenerative Neurological and Neuromuscular Disease, 2016

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date	Contribution
1	Curriculum Development workshop, Imam Abdulrahman Bin Faisal University.	Dammam, Saudi Arabia, 2017.	Attendance
2	Teaching & Learning workshop, Imam Abdulrahman Bin Faisal University.	Dammam, Saudi Arabia, 2017.	Attendance *(Winner as the best lecturer)
3	Human Brain Anatomy workshop, Kings College.	London, United Kingdom, 2016.	Attendance
4	The 9 th Saudi Students Conference, University of Birmingham.	Birmingham, United Kingdom, 2016.	Participant
5	The 8 th Saudi Students Conference, Imperial College.	London, United Kingdom, 2015.	Participant
6	The University of Sheffield, medical school 10 th annual research day.	Sheffield, United Kingdom, 2014.	Participant
7	RNA Metabolism in Neurological Disease, 8 th Brain Research Conference.	USA, San Diego, 2013.	Participant
8	Recent advances in chemical pathology, King Fahad Specialist Hospital.	Dammam, Saudi Arabia, 2009.	Attendance
9	Basic cardiac life support, Saudi Heart Association.	ARAMCO-Dhahran, 2009.	Attendance
10	Challenges in laboratory medicine, King Fahd hospital of the University.	Dammam, Saudi Arabia, 2008.	Attendance
11	Communication skills, King Abdulaziz center for national dialogue.	Dammam, Saudi Arabia, 2007.	Participant

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Contribution
1	Medical Genetics	225	lectures/Tutorials
2	Molecular Biology	224	lectures/Tutorials
3	Research project	424	Project



Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Techniques in Molecular Biology	812	Lectures

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

Administrative Responsibilities/ Committee Membership

#	From	To	Position	Organization
1	2017	To date	Head of the Alumni committee	Clinical Laboratory Sciences, College Applied Medical Sciences, Imam Abdulrahman Bin Faisal University
2	2017	To date	Head of the new employee orientation committee	Clinical Laboratory Sciences, College Applied Medical Sciences, Imam Abdulrahman Bin Faisal University

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2010	2010	A public awareness. (The negative effects of urbanization and civilizational development)	Clinical Laboratory Sciences, College Applied Medical Sciences, The University of Dammam.

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

1	<p>Laboratory techniques:</p> <p>1) Tissue culture: Primary cell lines (Fibroblasts)</p> <p>2) Cell fractionation and RNA extraction</p> <p>3) Preparing samples for the following Affymetrix GeneChips®:</p> <p>A) In Vitro Transcription (IVT) Array B) Human Exon 1.0 ST Array C) Human Transcriptome Arrays 2.0</p> <p>4) Preparing samples for RNA Sequencing</p> <p>5) Quantitative reverse transcription polymerase chain reaction (qRT-PCR)</p> <p>6) Fluorescence in situ hybridization (FISH)</p>
2	<p><i>Gene expression profiling analysis using the following software:</i></p>



- 1) Partek® Genomics Suite™ software
- 2) Qlucore Omics Explorer software
- 2) Transcriptome Analysis Console (TAC) software

Gene annotation enrichment analysis:

- 1) The Database for Annotation, Visualization and Integrated Discovery (DAVID)

Last Update

18/10/2017