



Maryam Ahmed |Aldossary

Assistant Professor

Personal Data

Nationality | [Saudi](#)

Date of Birth | [02-02-1983](#)

Department | [Clinical Laboratory Sciences](#)

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Language Proficiency

Language	Read	Write	Speak
Arabic	X	X	X
English	X	X	X

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2023	Professional fellowship in university teaching and learning	Imman Abdulraham bin Faisal	Saudi Arabia
2019	PhD, Department of Infection, Immunity and Cardiovascular Disease, Medical School	University of Sheffield	United Kingdom
2011	MSc, Medical Laboratory Science, College of Medical Applied Sciences	University of Dammam	Saudi Arabia
2004	Bachelor degree with the first degree of honour in Medical Laboratory Science, College of Medical Applied Science	King Faisal University	Saudi Arabia



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

PhD	Identification and Characterisation of the Underlying Defects in Patients with Inherited Platelet Bleeding Disorders
Master	Protein Z and anti-protein Z in the presence of antiphospholipid antibodies in Saudi women

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant professor	Clinical Laboratory Sciences Department	College of Applied Medical Sciences	Imam Abdulrahman Bin Faisal University	2019-present
Lecturer	Clinical Laboratory Sciences Department	College of Applied Medical Sciences	Imam Abdulrahman Bin Faisal University	2012- ٢٠١٩
Medical Laboratory Technologist	Girls School Primary Health Centre in Dammam		Ministry of Education	2006-2012

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
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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	Faisal Mousa Alzahrani, Asma Abdulrazaq Al Faris, Saeed Sattar Shaikh, Fathelrahman Mahdi Hassan, Maryam Ahmed Aldossary, Osama Al Sultan, Nasreldin Elhadi, Sulaiman Salman Alabsi, Mohammed Alsahli, Layla Abdulmohsen Bashawri, Muzahheed Muzahheed, and Anne Goodeve	Phenotypic and genotypic (exon 28) characterization of patients diagnosed with von Willebrand disease type 1 in Eastern Saudi Arabia	March 2023



2	Faisal M. Alzahrani, Jinan A. Alhassan, Abdullah M. Alshehri, Faraz A. Farooqi, Maryam A. Aldossary, Magdy K Abdelghany, Hafiz Ibrahim, Omar S. El-Masry	The impact of SELP gene Thr715Pro polymorphism on sP-selectin level and association with cardiovascular disease in Saudi diabetic patients: A cross-sectional case-control study	March 2023
3	Faisal Mousa Alzahrani , Abdulaziz Al-Mulhim , Saeed Sattar Shaikh, Maryam Ahmed Aldossary, Ahmed Aldarmahi, Yaser Alnaam, Lamiaa Hammad Al-Jamea, Thekra AL-Maqati, Elmoeiz Elnagi, Fathelrahman Mahdi Hassan, Muzaeed	The association of thrombophilia in women with severe obstetric complications	Journal of Medicine and Life, 2022 DOI: 10.25122/jml-2022-0182
4	Alzahrani FM, Al Faris AA, Bashawri LA, Hassan FM, El-Masry OS, Aldossary MA, Al Sultan O, Borgio JF, Alsahli MA, Goodeve A.	Phenotypic and Genotypic Signatures of VWF Exon 18 in Eastern Saudi Patients Previously Diagnosed with Type 1 von Willebrand Disease	Int J Gen Med. 2022;15:5385-5394 https://doi.org/10.2147/IJGM.S364818
5	Alzahrani, F. M., Al-Amri, A., Shaikh, S. S., Alomar, A. I., Acharya, S., Aldossary, M. A., & Hassan, F. M.	Direct DNA Sequencing-Based Analysis of Microbiota Associated with Hematological Malignancies in the Eastern Province of Saudi Arabia	BioMed Research International, 2021.
6	Webster, Simon J., Maryam A. Aldossary, and Daniel J. Hampshire.	"A Bioinformatics Toolkit: In Silico Tools and Online Resources for Investigating Genetic Variation."	Seminars in thrombosis and hemostasis. Thieme Medical Publishers, 2019. DOI: 10.1055/s-0039-1692978

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	Faisal M. Alzahrani, Asma A. Al Faris, Dr.	Phenotypic and genotypic characteristics of VWF	Acta Biomedica Atenei Parmensis	1 Oct 24



Saeed Sattar Shaikh, Layla A. Bashawri, Fathelrahman Mahdi Hassan, Maryam A. Aldossary, Osama Al Sultan , Thekra N. Al- Maqati, Elmoeiz A. Elnagi, Faten Abdullah Alqahtani, Ahmed Adlan Mohammed Adam, Omar Alsuhaihani , Mohammed A. Alsahli	exon 20 in patients with type 1 Von Willebrand disease from the Eastern Province of Saudi Arabia		
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Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

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

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

#	Research Title	Name of Investigator(s)
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Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	International Society on Thrombosis and Haemostasis (ISTH) 2017 Congress	Berlin, Germany, 12-7-2017	Oral communication
2	University of Sheffield Medical School Research Meeting	Sheffield, UK, June 15/16 2017	Poster
3	The 2016 British Society for Haemostasis and Thrombosis (BSHT), Anticoagulation in Practice (AiP) & UK Platelet Group Annual Meeting	Leeds, UK, 10-11-2016	Oral communication
4	University of Sheffield	Sheffield, UK, June 16-17 2016	Poster



Medical School Research Meeting		
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Membership of Scientific and Professional Societies and Organizations

- British Society for Haemostasis and Thrombosis (BSHT)
- International Society on Thrombosis and Haemostasis (ISTH)

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Haematology I	MLT 209	Lectures, Tutorials, Labs
2	Haematology II	MLT 303	Lectures and Tutorials
3	Clinical Haematology	MLT 411	Lectures and Tutorials
4	Molecular biology	MLT 202	Lectures and Tutorials

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

Haematology I: This course covers the physiology and the pathology of blood cells (with the focus on the red and the white blood cells and the role of the haematology laboratory in the diagnosis and management of their related disorders (e.g. infections, anaemia and leukaemia).
Haematology II: This course covers the physiology of hematopoiesis and the role of the haematology laboratory in the diagnosis and management of coagulation and platelet disorders.
Clinical Haematology: This course covers a more in-depth scientific, diagnostic and management aspects exercised in the clinical haematology laboratory.
Molecular biology: Molecular biology is a science of nucleic acids and proteins and how these molecules interact within the cell to promote variable cellular activity. It is a comprehensive, continuously progressive discipline that is integrated with both diagnostic and research laboratories. This course will emphasise on the molecular mechanisms of DNA replication, repair, and protein synthesis. Additionally, it will provide students with the basic principles of molecular biology techniques and their applications.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Basic Hematology & Laboratory Diagnosis	CLS717	Lectures
2	Haemostasis and Thrombosis	CLS721	Lectures
3	Advanced haematology	CLS719	Lectures

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

1	Basic Hematology & Laboratory Diagnosis: This course is designed to prepare postgraduate students for a career in haematology and/or to pursue postgraduate research in haematology. The course provides the basic theoretical knowledge necessary for further study in the different areas of
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	haematology. This course provides a study of the basic principles of haematology focusing primarily on red blood cells (RBC), white blood cells (WBC), and an introduction to coagulation. Students will be knowledgeable in theories, principles and routine procedures of haematology.
2	Haemostasis and Thrombosis: Provides an in-depth theoretical knowledge and practical applications of haemostasis (coagulation). This is including coagulation cascade, intrinsic and extrinsic pathways, thrombosis and fibrinolysis. Presents platelet physiology, platelet coagulation disorders, other coagulation diseases and anticoagulant therapy.
3	Advanced haematology: This course is designed to equip the student with the knowledge and skills to undertake haematological investigations of anaemia, leukaemia, and haemostatic disorders competently. In addition, the student will be able to recognise the haematological role of the spleen and the vascular system and associate haematological changes with various physiological conditions and pathological disorders. Furthermore, some recent advanced technologies and recent developments in haematology will also be covered during the course.

Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Undergr ad.	Postgrad .	From	To
1	Haematology I	---		X		---	
2	Haematology II	X		X		2012/13, 2021/22- presnt	
3	Clinical Haematology	---		X		---	
4	Molecular biology	X		X		2019/20- 2021/22	
5	Basic Hematology & Laboratory Diagnosis	X			X	2022/23- present	
6	Advanced haematology	X			X	2021/22-23/24	
7	Haemostasis and Thrombosis	---			X	---	

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1	---	---	---	---

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	---	---	---	---

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master	Identification of VWD-type 1 disease-causing variants among the Saudi population	Imam Abdulrahman bin Faisal University	2022



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Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
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Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2012	2014	Internship Coordinator	Clinical Laboratory Science, University of Dammam

Committee Membership

#	From	To	Position	Organization
1	2022	present	Member	CLS Community Service Committee
2	2022	present	Member	CLS Curriculum Committee
3	2022	present	Member	CLS Postgraduate Committee
4	2019	2021	Member	CAMS Research Committee, Imam Abdulrahman bin Faisal University
5	2012	2014	Member	CLS NCAAA committee
	2012	2014	Member	CLS Academic committee

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
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Volunteer Work

#	From	To	Type of Volunteer	Organization
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Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Lab techniques related to gene editing as CRISPR, cell culture related technique and others
2	Familiar with several of bioinformatic tools related to DNA sequencing, microarray and protein properties
3	Mastering the basic computer skills including most of Office program
4	Mastering the basic Graphic design using Adobe Photoshop



Last Update

20/10/2024