



# Dr. Faisal M. Al-Zahrani

Consultant & Associate Professor of Haematology

## Personal Data

Nationality | Saudi

Date of Birth | 1398 H - 1978 G

Department | Clinical Laboratory Sciences

Personal E.mail | [alnaashi\\_fs@hotmail.com](mailto:alnaashi_fs@hotmail.com)

Official IAU E.mail | [fmzahrani@iau.edu.sa](mailto:fmzahrani@iau.edu.sa)

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SCHS No. | 13-R-A-0033865



## Language Proficiency

Language	Read	Write	Speak
Arabic	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent
Others	NA	NA	NA

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
May. 2023	Professional Fellowship in University Teaching and Learning	Imam Abdulrahman Bin Faisal University in Joint with the University of Türku	Kingdom of Saudi Arabia and Finland
Jul. 2013	Professional Classification and Registration as A Laboratory-Haematology Consultant	Saudi Commission for Health Specialties	Kingdom of Saudi Arabia
Jun. 2010	PhD in Genetics and Molecular Medicine (Genetics of Haemostasis)	Sheffield Haemostasis Research Group, Department of Cardiovascular Sciences, Faculty of Medicine, Dentistry &	Sheffield, UK



		Health, University of Sheffield	
April. 2007	Advanced Certificate in Medical Ethics	Imperial College London	London, UK
Sep. 2005	MSc of Pathological Sciences (Haematology)	Faculty of Health and Wellbeing, Sheffield Hallam University in Association with The University of Sheffield	Sheffield, UK
Jul. 2002	BSc of Medical Laboratory Technology	Faculty of Medicine and Allied Medical Sciences, King Abdulaziz University	Jeddah, Kingdom of Saudi Arabia

### PhD, Master or Fellowship Research Title:

<b>PhD</b>	Molecular Analysis of the Transcriptional Regulation of the Human $\alpha_2$ Integrin Gene by Steroid Hormones
<b>Master</b>	Investigation of Potential Oestrogen Response Elements in the $\alpha_2$ Integrin Gene Promoter

### Current Positions:

Job Rank	Place and Address of Work
Associate Professor	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.
Consultant of Haematology	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University, Al-Khobar, Kingdom of Saudi Arabia.
Chairman	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.
Section Head for Point of Care Testing (POCT)	Laboratory Medicine Department, King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University, Al-Khobar, Kingdom of Saudi Arabia.
Postgraduate Programme Coordinator	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.
A Member of Postgraduate Programme Committee	Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.
A Member of Curriculum Development Committee	Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.
A Member of the Advisory Committee	Department of Clinical Laboratory Sciences, Prince Sultan Military College of Health Sciences, Dhahran, Kingdom of Saudi Arabia.
A Member of the Advisory Committee	Department of Clinical Laboratory Sciences, Mohammed Al-Mana College for Medical Sciences, Dammam, Kingdom of Saudi Arabia.



## Professional Record:

Job Rank	Place and Address of Work	Date
Associate Professor	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.	Jul. 2019 to date
Consultant of Haematology	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University, Al-Khobar, Kingdom of Saudi Arabia.	2013 to date
Assistant Professor	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University (Formerly Named University of Dammam), Dammam, Kingdom of Saudi Arabia.	Sep. 2010 to Jul. 2019
Lecturer	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University (Formerly Named King Faisal University), Dammam, Kingdom of Saudi Arabia.	Mar. 2009 - Sep. 2010
Teaching Assistant	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University (Formerly Named King Faisal University), Dammam, Kingdom of Saudi Arabia.	Oct. 2002 to Mar. 2009

## Administrative Positions Held:

Month-Year	Description	Location	Country
Oct. 2023 to date	Head for Point of Care Testing (POCT), <u>(Accredited by CAP "1 Time" CBAHI" once" During my Role).</u>	Laboratory Medicine Department, King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University	Al-Khobar, Kingdom of Saudi Arabia
Apr. 2023 to date	Chairman of Clinical Laboratory Sciences Department (CLS), <u>(Fully Accredited by IBMS, MSc Programme of CLS is Internationally Accredited &amp; Recognized in 2024 During my Chairmanship as the First Internationally Accredited MSc CLS Programme Nationwide).</u>	College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Oct. 2022 to Oct. 2023	Assistant Section Head for Point of Care Testing (POCT)	Laboratory Medicine Department, King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University	Al-Khobar, Kingdom of Saudi Arabia



Sep. 2022 to date	Postgraduate Programme Coordinator	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Nov. 2021 to Nov. 2022	Member of the Advisory Committee	Department of Clinical Laboratory Sciences, Mohammed Al-Mana College for Medical Sciences	Dammam, Kingdom of Saudi Arabia
Apr. 2020 to Nov. 2020	Short-Term Consultant with United Nations Development Programme: Support to the Saudi Food and Drug Authority (SFDA)	Saudi Food and Drug Authority (SFDA)	Riyadh, Kingdom of Saudi Arabia
Jul. 2019 to Date	Associate Professor	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Nov. 2019 to Nov. 2021	Member of the Scientific Council	Vice-Presidency for Scientific Research and Innovation, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Mar. 2018 to Dec. 2018	Short-Term Consultant with United Nations Development Programme: Support to the Saudi Food and Drug Authority (SFDA)	Saudi Food and Drug Authority (SFDA)	Riyadh, Kingdom of Saudi Arabia
Feb. 2016 to Jan 2022	A Member of Quality and Accreditation Team (Team of Excellence)	Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Apr. 2015 to Feb. 2021	Chairman of Clinical Laboratory Sciences Department (CLS), <u>(Fully Accredited by NCAAA, CLS was Accredited on 2017 During my Chairmanship as the First Accredited CLS Programme Nationwide).</u>	College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University	Dammam, Kingdom of Saudi Arabia
Jan. 2015 to Sep. 2019	Member & Blood Bank & Transfusion Medicine Representative of Trauma Committee	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University	Al-Khobar, Kingdom of Saudi Arabia
2015 - 2018	Visiting Consultant (Locum)	King Fahd Hospital, Al-Baha, Ministry of Health (MOH)	Al-Baha, Kingdom of Saudi Arabia
Aug. 2017 to May. 2019	Acting Chairperson of the Transfusion Committee	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University	Al-Khobar, Kingdom of Saudi Arabia



May. 2013 to May. 2019	Consultant and Director of Blood Bank and Transfusion Medicine <i>(Accredited by CAP "3 Times", JCI "Twice", CBAHI "once" During my Directorate)</i>	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University	Al-Khobar, Kingdom of Saudi Arabia
May. 2012 to May. 2015	Head of Flow Cytometry Lab	King Fahd Hospital of the University, University of Dammam	Al-Khobar, Kingdom of Saudi Arabia
Oct. 2010 to Mar 2014	Vice Dean for e.Learning and Distance Learning Deanship	University of Dammam	Dammam, Kingdom of Saudi Arabia
Oct. 2010 to Mar. 2011	General Coordinator for Internship Affairs	College of Applied Medical Sciences, University of Dammam	Dammam, Kingdom of Saudi Arabia
Sep. 2010 to Jul. 2019	Assistant Professor	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, University of Dammam	Dammam, Kingdom of Saudi Arabia
Jan. 2006 - Jun. 2010	PhD research in Genetics and Molecular Medicine, Genetics of Haemostasis, on Platelet Glycoprotein Receptors including Molecular Biology and Flow Cytometric Techniques.	Sheffield Haemostasis Research Group, Department of Cardiovascular Sciences, Faculty of Medicine, Dentistry & Health, University of Sheffield	Sheffield, UK.
Mar. 2009 - Sep. 2010	Lecturer	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Faisal University	Dammam, Kingdom of Saudi Arabia
Dec. 2005 - Dec 2006	Chief Financial Officer for the Saudi Students Clubs and Schools in the UK and Ireland	Royal Embassy of Saudi Arabia, Culture Bureau, UK/Ireland	United Kingdom
Mar-Sep 2005	MSc Research Project on the Hormonal Regulation of the Promoter Activity and Expression of the Platelet Glycoprotein Ia (GPIa) Receptor	Sheffield Haemostasis Research Group, Department of Cardiovascular Sciences, Faculty of Medicine, Dentistry & Health, University of Sheffield	Sheffield, UK.
Oct. 2002 to Mar. 2009	Teaching Assistant	Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Faisal University	Dammam, Kingdom of Saudi Arabia
Apr. 2002- Jul. 2002	Internship Training in Molecular Diagnostics Laboratory.	King Abdulaziz University Hospital	Jeddah, Kingdom of Saudi Arabia
Feb. 2002- Apr. 2002	Internship Training in Genetics and Molecular Cytogenetics.	Genomic Medicine Unit at King Fahd Medical Research Centre, King Abdulaziz	Jeddah, Kingdom of Saudi Arabia



		University	
Jul. 2001- Feb. 2002	Internship Training in Clinical Immunology.	Clinical Immunology Laboratory at King Abdulaziz Medical City, National Guard Hospital	Jeddah, Kingdom of Saudi Arabia
Jan. 2001- Apr. 2001	B.Sc Project In “Nasal Carriage Rate of <i>Staphylococcus aureus</i> Among Diabetic Patients at King Abdulaziz University Hospital”.	King Abdulaziz University Teaching Hospital	Jeddah, Kingdom of Saudi Arabia

### Other Scientific Activity:

- Examiner for Saudi Commission for Health Specialties: Candidates assessed for Specialist, Senior Specialist and Consultant Licences.
- External Examiner for MSc and PhD Theses at King Saud University, Riyadh, KSA.
- Previous Head of Judging Committee for the Eastern Region and Northern Border Region, Research Section, Mawhiba, King Abdulaziz and His Companions Foundation for Giftedness and Creativity, 2014.

### Scientific Achievements

#### Published Refereed Scientific Researches

Name of Investigator(s)	Research Title	Publisher and Date of Publication
Fathelrahman Hassan, Afnan Alsultan, Waleed Albuali, Dalal K. Bubshait, Elfadil Abass, Mudathir Elbasheer, Saeed Sattar Shaikh, Abdulmohsen Alkhanbashi, <b>Faisal M. Alzahrani</b>	Association Between Single Nucleotide Polymorphisms in the Ribosomal Protein L5 Gene and the Risk of Deep Vein Thrombosis in Saudi Population.	<i>Electronic Journal of General Medicine. Accepted.</i>
<b>Faisal M. Alzahrani</b> , Asma A. Al Faris, Layla A. Bashawri, Fathelrahman Mahdi Hassan, Maryam A. Aldossary, Amani Y. Owaidah, Osama Al Sultan, Ahmed Mousa Alzahrani, Thekra N. Al-Maqqati, Elmoeiz A. Elnagi, Faten Abdullah Alqahtani, Anne Goodeve.	Phenotypic and Genotypic Signatures of VWF Exon 26 in Eastern Saudi Patients Previously Diagnosed with Type 1 Von Willebrand Disease.	<i>Open Life Sciences. Accepted.</i>
<b>Faisal M Alzahrani</b> , Samirah M Alqhatani, Saeed Sattar Shaikh, Fathelrahman Mahdi Hassan, Heba N Raslan, Saad Al Daama, Solaf Sami A Kanfar, Arwa M Al Saber.	Assessment of minimal residual disease in patients with B-cell acute lymphoblastic leukemia using EuroFlow: Relation to other prognostic factors. <i>Electronic</i>	<i>Electronic Journal of General Medicine, Aug. 2025, 22(5): em687.</i>



	<i>Journal of General Medicine</i> , Aug. 2025, 22(5): em687.	
<b>Faisal M. Alzahrani</b> , Asma A. Al Faris, 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.	Phenotypic and genotypic characteristics of VWF exon 20 in patients with type 1 Von Willebrand disease from the Eastern Province of Saudi Arabia.	<i>Acta Biomedica</i> . 2025, 96 (2): 16000.
<b>Faisal M. Alzahrani</b> .	Effectiveness of Animation as a Learning Tool in Applied Medical Sciences Education: A Comparative Cross-Sectional Study among University Students	<i>Pakistan Journal of Medical Sciences</i> , Apr. 2025, 41 (4): 1116-1120.
Elmoeiz A. Elnagi, Thekra N. Al-Maqati, Rawan M. Maawadh, Salma AlBahrani, Faisal Salem Al Khalaf, <b>Faisal M. Alzahrani</b> , Wael Nazzal, Maha Alanazi, Abdullah S. Abdali, Amjad Saleh Al Atawi, Lamiaa H. Al-Jamea, Ahmad Mohammad Alshehri, Adnan Awad ALshammari, Rania Saad Suliman, Ibrahim Al Bassam.	A Retrospective Study: Evaluating the Impact of the COVID-19 Pandemic on Inflammatory Markers in Hospitalized Patients.	<i>Infectious Disease Reports</i> , Aug. 2024, 16 (4): 735-749.
<b>Faisal M. Alzahrani</b> .	New and More Effective Application Assays for Hemostatic Disorder Assessment: A Systematic Review.	<i>Electronic Journal of General Medicine</i> , Aug. 2023, 20 (6), em538.
Maha A Alanazi, <b>Faisal M Alzahrani</b> , Saeed Sattar Shaikh, Amir H Msmar, Fathelrahman Mahdi Hassan.	Common Genetic Abnormalities and Phenotypic Scoring in Saudi Patients with Acute B-lymphoblastic Leukemia.	<i>Electronic Journal of General Medicine</i> , Aug. 2023, 20 (6), em536.
Ahmed Aldarmahi, Hanan Alzahrani, Sulafah Alqutub, <b>Faisal Alzahrani</b> .	Exploring the Attitudes and Practices of Female Doctors Towards Cervical Cancer Screening in Primary Health Care Centers.	<i>Journal of Medicine and Life</i> , May. 2023; Vol. 16 (5): 773-781.
<b>Faisal Mousa Alzahrani</b> , 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, Muzaheed Muzaheed, Anne Goodeve.	Phenotypic and Genotypic (Exon 28) Characterization of Patients Diagnosed with von Willebrand disease type 1 in Eastern Saudi Arabia.	<i>Journal of Medicine and Life</i> , Mar. 2023; Vol. 16 (3): 428-433.
Amani Y Owaidah, Khadijah H Aljuhani, Jasem Albasri, Eman S	Cases of RhD variants RhD*DAU2/DAU6 and	<i>Acta Biomedica</i> , 2023; Vol. <b>94</b> (Supplement 1): e2023080.



Alsulmi, Taibah A Alsaihati, <b>Faisal M Alzahrani</b> .	RhD*weak D type 4.1 in pregnant women in Saudi Arabia.	
<b>Faisal M. Alzahrani</b> , Jinan A. Alhassan, Abdullah M. Alshehri, Faraz A. Farooqi, Maryam A. Aldossary, Magdy K Abdelghany, Hafiz Ibrahim, Omar S. El-Masry.	The impact of <i>SELP</i> gene Thr715Pro polymorphism on sP-selectin level and association with cardiovascular disease in Saudi diabetic patients: A cross-sectional case-control study.	<i>Saudi Journal of Biological Sciences</i> , Mar. 2023; Vol. 30 (3): 103579.
<b>Faisal Mousa Alzahrani</b> , 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, Muzaaheed.	The association of thrombophilia in women with severe obstetric complications.	<i>Journal of Medicine and Life</i> , Oct. 2022; Vol. 15 (10): 1299 - 1304.
Thekra N AL-Maqati, Elmoeiz A. Elnagi, <b>Faisal Al Zahrani</b> , Muzaaheed, Zeinab S. Mohammed, Amer Alomar, Siju K George, Ashly Mary Jacob, Fahad A Mashwal, Saeed Sattar Shaikh.	Molecular epidemiology of SEN virus among blood donors and renal dialysis patients.	<i>Acta Biomedica</i> , Oct. 2022; Vol. 93 (5): e2022237.
Lamiaa H. Al-Jamea, Alexander Woodman, Nihal M. Heiba, Shereen A. Elshazly, Nouredine Ben Khalaf, Fatimah S. Al-Yami, Khawaja Bilal Waheed, Abbas Al Mutair, Ahmad Alseddi, Jenifer V. Quiambao, <b>Faisal M. Alzahrani</b> , Walaa F. Albaqami, Faisal H. Al Qahtani, Nasser Mohammed Aljarah, Dahmani M. Fathallah, Abdel Halim Deifalla.	TMPRSS6 gene mutations in six Saudi families with iron refractory iron deficiency anemia.	<i>Gene</i> , Jan. 2023, Vol. 851 (146977).
<b>Faisal M Alzahrani</b> , Asma A Al Faris, Layla A Bashawri, Fathelrahman Mahdi Hassan, Omar S El-Masry, Maryam A Aldossary, Osama Al Sultan, J Francis Borgio, Mohammed A Alsahli, Anne Goodeve.	Phenotypic and Genotypic Signatures of VWF Exon 18 in Eastern Saudi Patients Previously Diagnosed with Type 1 von Willebrand Disease.	<i>International Journal of General Medicine</i> , Jun. 2022, Vol. 15, 5385-5394.
Omar S. El-Masry, Ali M. Alamri, <b>Faisal Alzahrani</b> , Khaldoon Alsamman.	ADAMTS14, ARHGAP22, and EPDR1 as potential novel targets in acute myeloid leukaemia.	<i>Heliyon</i> , Mar. 2022, Vol. 8 (3), e09065.
Shehwaz Anwar, Ravindra Raut, Mohammed A. Alsahli, Ahmad Almatroudi, Hani Alfheaid, <b>Faisal M. Alzahrani</b> , Amjad Ali Khan, Khaled S. Allemailern, Saleh A. Almatroodi, Arshad Husain Rahmani.	Role of Ajwa Date Fruit Pulp and Seed in the Management of Diseases through In Vitro and In Silico Analysis.	<i>Biology</i> , Jan. 2022; Vol. 11 (1), 78.



Muzaheed, Bashayer A. Alshehri, Ali A. Rabaan, Omar S. El-Masry, Sadananda Acharya, <b>Faisal M. Alzahrani</b> , Abbas Al Mutair, Saad Alhumaid, Jaffar A. Al-Tawfiq, Javed Muhammad, Amjad Khan, Kuldeep Dhama, Awad Al-Omar.	A 20-year Retrospective Clinical Analysis of Candida Infections In Tertiary Centre: Single-Center Experience.	<i>Journal of Infection and Public Health</i> . Jan. 2022; Vol. <b>15</b> (1): 69-74.
Asma Y. Alsulaim, Faisal Azam, Tunny Sebastian, Fathelrahman Mahdi Hassan, Sayed AbdulAzeez, J. Francis Borgio, <b>Faisal M. Alzahrani</b> .	The association between two genetic polymorphisms in <i>ITGB3</i> and increase risk of venous thromboembolism in cancer patients in Eastern Province of Saudi Arabia.	<i>Saudi J of Biol Sci.</i> , Jan 2022; Vol. <b>29</b> (1): 183-189.
Muzaheed Muzaheed, Naveed Sattar Shaikh, Saeed Sattar Shaikh, Sadananda Acharya, Shajiya Sarwar Moosa, Mohammad Habeeb Shaikh, <b>Faisal M. Alzahrani</b> , Amer Ibrahim Alomar.	Molecular Epidemiological Surveillance of CTX-M-15-producing Klebsiella pneumoniae from the patients of a teaching hospital in Sindh, Pakistan.	<i>F1000Research.</i> , Jun 2021; 10:444.
Muzaheed, Naveed Sattar Shaikh, Saeed Sattar Shaikh, Sadananda Acharya, Shajiya Sarwar Moosa, Mohammad Habeeb Shaikh, <b>Faisal M. Alzahrani</b> , Amer Ibrahim Alomar.	Characterization of CTX-M-15-Klebsiella pneumoniae from inpatients and outpatients of a teaching hospital.	<i>F1000Research</i> , Jun 2021; 10:444.
Khalid A. AlSaleh, Nouf S. Al-Numair, Ayman Alsuaiman, Mohammed Zolaly, Osamah T. Khojah, <b>Faisal M. Alzahrani</b> , Khawar Siddiqui, Faisal A. Al-Allaf, Abdulkareem AlMomen, Raihan Sajid, Tarek M. Owaidah.	Prevalence of Bleeding Symptoms Among Young Adults in Saudi Arabia, a National Survey.	<i>Medicine</i> , Oct. 2021; Vol. <b>100</b> (43).
Mohammed A. Alsahli, Shehwaz Anwar, <b>Faisal M. Alzahrani</b> , Ahmad Almatroudi, Hani Alfheaid, Amjad A. Khan, Khaled S. Allemailem, Saleh A. Almatroodi, Arshad Husain Rahmani.	Health Promoting Effect of <i>Phyllanthus emblica</i> and <i>Azadirachta indica</i> against Advanced Glycation End Products Formation.	<i>Appl. Sci.</i> Sep. 2021; Vol. <b>11</b> (19): 8819.
Fathelrahman M. Hassan, Afnan A. Alsultan, <b>Faisal Alzahrani</b> , Waleed H. Albuali, Dalal K. Bubshait, Elfadil M. Abass, Mudathir A. Elbasheer, Abdulmohsen A. Alkhanbashi.	Identification of RPL5 gene variants and the risk of hepatic vein thrombosis in Saudi patients.	<i>Saudi Med J</i> , Jul. 2021; Vol. <b>42</b> (9): 969-974.
Fathelrahman Mahdi Hassan, Afnan Alsultan, <b>Faisal Alzahrani</b> , Waleed Albuali, Dalal Bubshait, Elfadil Abass, Mudathir Elbasheer, Abdulmohsen Alkhanbashi.	Genetic Variants of RPL5 and RPL9 Genes among Saudi Patients Diagnosed with Thrombosis.	<i>Med Arch</i> , 2021 Jun; <b>75</b> (3): 188-193.
Muzaheed Muzaheed, Omar S. El-Masry, Ali A. Rabaan, <b>Faisal Alzahrani</b> , Amer Alomar, Faraz	Comparative cross-sectional assessment of knowledge, attitude and practice among	<i>F1000Research</i> , Feb. 2021; 10:117.



Ahmed Farooqi.	university students and employees towards the use of the microbiology laboratory equipment.	
<b>Faisal M. Alzahrani</b> , Ali Al-Amri, Saeed Sattar Shaikh, Muzaheed, Amer Ibrahim Alomar, Sadananda Acharya, Maryam Ahmed Aldossary, and Fathelrahman Mahdi Hassan.	Direct DNA Sequencing-Based Analysis of Microbiota Associated with Hematological Malignancies in the Eastern Province of Saudi Arabia.	<i>BioMed Research International</i> , Vol. 2021, Article ID 4202019, 7 Pages, 2021.
Tarek Owaidah, Nouf Al-Numair, Ayman Al-Suliman, Mohammed Zolaly, Rana Hasanato, <b>Faisal Al Zahrani</b> , Mohameed Albalawi, Layla Bashawri, Khawar Siddiqui, Faisal Alalaf, Abdulkareem Almomen, and Muhammad Raihan Sajid.	Iron Deficiency and Iron Deficiency Anemia Are Common Epidemiological Conditions in Saudi Arabia: Report of the National Epidemiological Survey.	<i>Anemia</i> , Vol. 2020, Article ID 6642568, 8 Pages, Dec. 2020.
Khalid A. AlSaleh, Nouf Al-Numair, Ayman AlSuliman, Mohammed Zolaly, Abdul Majeed Albanyan, Nouf AlOtaishan, Esra Abudouleh, Nervana Bayoumy, Ahmad Tarawah, <b>Faisal AlZahrani</b> , Faisal AlAllaf, Abdul kareem AlMomen, Raihan Sajid, Tarek M. Owaidah.	Prevalence of Coagulation Factors Deficiency among Young Adults in Saudi Arabia: A National Survey.	<i>TH Open</i> , 2020, 4: e457- e462.
<b>Faisal M. Alzahrani</b> , Nemat Aldossary, Fathelrahman Mahdi Hassan.	Phenotypic and Genotypic Characterization of von Willebrand Factor Gene (Exon 18 and 20) in Saudi Healthy Individuals.	<i>Medical Archives</i> , Oct. 2020; <b>74</b> (5): 337-341.
Owaidah AY, Naffaa NM, Alumran A, <b>Alzahrani F.</b>	Phenotype Frequencies of Major Blood Group Systems (Rh, Kell, Kidd, Duffy, MNS, P, Lewis, and Lutheran) Among Blood Donors in the Eastern Region of Saudi Arabia.	<i>Journal of Blood Medicine</i> , 2020; <b>11</b> : 59 – 65.
Kawthar AlSadah, Omar S. El-Masry, <b>Faisal Alzahrani</b> , Amer Alomar, Magdy Abdel Ghany.	Reporting Clinical Laboratory Critical Values- A Focus on the Recommendations of the American College of Pathologists.	<i>Journal of Ayub Medical College Abbottabad (JAMC)</i> , 2019; <b>31</b> (4): 612 – 618.
<b>Faisal Alzahrani</b> , Fathelrahman Hassan.	Modulation of Platelet Functions Assessment during Menstruation and Ovulatory Phases.	<i>Journal of Medicine and Life</i> , 2019 Oct; <b>3</b> (12): 296–300.
<b>Faisal M. Alzahrani</b> , Fathelrahman M. Hassan.	Mutation Awareness of von Willebrand's Disease in Medical and Genetic Differences Screening: A	<i>Global Journal of Health Science</i> , 2019; <b>11</b> (6): 64-69.



	systematic Review.	
<b>Faisal M. Alzahrani</b> , Fathelrahman M. Hassan.	Morphological Alterations of Red Blood Cells Caused by Overdoses of Sildenafil.	<i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019; <b>12</b> (6): 54-56.
<b>Faisal M. Alzahrani</b> , Fathelrahman M. Hassan.	Differences in Platelet Glycoprotein Expression During Menstruation Cycle and Ovulatory Phase.	<i>Global Journal of Health Science</i> , 2019; <b>11</b> (3): 83-90.
<b>Faisal Mousa Alzahrani</b> , Muzaaheed, Saeed Sattar Shaikh, Amer Ibrahim Alomar, Sadananda Acharya and Nasreldin Elhadi.	Prevalence of Hepatitis B Virus (HBV) Among Blood Donors in Eastern Saudi Arabia: Results From a Five-Year Retrospective Study of HBV Seromarkers.	<i>Annals of Laboratory Medicine</i> , 2019 Jan; <b>39</b> (1): 81-85.
Fathelrahman M. Hassan, <b>Faisal M. Alzahrani</b> .	BCL11A rs1427407 Genotypes in Sickle Cell Anemia Patients Undergo to stroke Problems in Sudan.	<i>Korean J Fam Med (KJFM)</i> . 2019; <b>40</b> (1): 53-57.
Zainab Alsalem, Nasreldin Elhadi, Mohammed Aljeldah, <b>Faisal Alzahrani</b> , and Mitsuaki Nishibuchi.	Characterization of <i>Vibrio vulnificus</i> Isolated from the Coastal Areas in the Eastern Province of Saudi Arabia.	<i>Journal of Pure and Applied Microbiology</i> , Sep. 2018; <b>12</b> (3): 1355-1364.
<b>Alzahrani FM</b> , Shaikh SS, and Rasheed MA.	Frequency of ABO-Rhesus Blood Groups in the Western Region of Saudi Arabia.	<i>Journal of King Abdulaziz University - Medical Sciences</i> . 2018; <b>25</b> (1): 9-13.
Fathelrahman M. Gameel, <b>Faisal M. Alzahrani</b> .	Cytokines TNF-Alpha and IL-8 Gene Polymorphisms in Sickle Cell Anaemia Patients Under Hydroxyurea Treatment.	<i>Journal of Clinical and Diagnostic Research</i> , 2018 Jun; <b>12</b> (6): EC14-EC17.
Khaldoon Alsamman, Xiuli Zhang, Chittibabu Vatte, Mohammad Al Hamad, Omar S El-Masry, Amani Y Owaidah, <b>Faisal Alzahrani</b> , Yao Lin.	Novel IRF-1 Mutations in a Small Cohort of Leukaemia Patients From Saudi Arabia.	<i>Asian Pacific Journal of Cancer Prevention</i> , 2017; <b>18</b> (10): 2795-2801.
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<b>Al-Zahrani FM</b> , Daly ME, Winship PR.	Oestrogenic and Androgenic Modulation of <i>ITGA2</i> Promoter Activity and Integrin Alpha 2 Expression Level.	<i>J Thromb Haemost</i> , 2009; <b>7</b> , Supplement 2: PP-MO-052.
<b>F. M. Al-Zahrani</b> , M. E. Daly and	Oestrogenic Regulation of the	<i>Platelets</i> , October 2009; <b>20</b> (S1):



P. R. Winship.	Human <i>ITGA2</i> Gene Promoter and Expression Level of $\alpha_2$ Integrin in Megakaryocytic and Breast Cancer Cell Lines.	S1-S29, P30.
<b>F. M. Al-Zahrani</b> , P. R. Winship and M. E. Daly.	Characterisation of Oestrogen and Androgen Response Elements in the <i>ITGA2</i> Promoter.	<i>Platelets</i> , October 2008; <b>19</b> (S1): S1-S3, P38.
<b>Al-Zahrani FM</b> , Daly ME, Winship PR.	Characterisation of Predicted Oestrogen Response Elements in the <i>ITGA2</i> Gene Promoter.	<i>J Thromb Haemost</i> 2007; <b>5</b> Supplement2: P-T-271.

## Current Researches

Research Title	Name of Investigator(s)
Determination of The Potential Role of Recruited and Locally Secreted IL-1 $\beta$ On Immunopathogenesis of Atherosclerosis, Funded by Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University, KSA.	Faisal Al-Zahrani <i>et al.</i>
Estimation of Human Induced Pluripotent Stem Cell Clones Required to Cover the Needs of Alloimmunized Patients For <i>In Vitro</i> Red Cell Production, Funded by Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University, KSA.	Amani Owaidah, Nora Aljindan & Faisal Al-Zahrani
Association of ADAMTS13 genetic polymorphism in the Saudi population with the severity of coronary stenosis. Funded by Deanship of Scientific Research, Imam Abdulrahman Bin Faisal University, KSA, as a Postgraduate research Project.	Abrar Abdulaal & Faisal Al-Zahrani
Underpinning the complexity of host-Staphylococcus aureus interactions during multiple and recurrent infections to fuel the discovery of efficient vaccine targets: from dual transcriptomic insights to machine learning prediction. Funded by Saudi National Institute of Health (NIH) of SAR 1.4 Million.	Hawra Al-Ghafli, Faisal Al-Zahrani, Arnab Pain, Seth Baribeau, Venera Tyukmaeva
Exploring the therapeutic potential of CSNK2A3 and FGD3 genes in Cancer cell lines.	Mohsen AIMutary, Salwa AlHamad, Ibtesam Al Dhuayan, Fadwa Alkhulaifi, Norah Alenezi, Amany Algosaibi, Omar Elmasry, Ibrahim Alhabib, Faisal Al-Zahrani
Investigating the Molecular and Biological Effects of Achillea sp.-Extract on Cancer Cell lines.	Nada Alahmady, Fadwa Alkhulaifi, Norah Alenezi, Omar Elmasry, Faisal Al-Zahrani, Ibrahim Alhabib, Amany Algosaibi, Ahood Aleidan, .Ibtesam Al Dhuayan
Production and validation of human recombinant coagulation VIII and Von Willebrand factor: a step towards localization of manufacturing of recombinant proteins. Applied for Fund at Research Development and Innovation Authority (RDIA).	Faisal Al-Zahrani, Omar Elmasry, Ibrahim Alhabib



## Membership of Scientific and Professional Societies and Organizations

- The International Society on Thrombosis and Haemostasis.
- Saudi Society of Haematology.
- American Association of Blood Bank (AABB).

## Committee Membership

From	To	Position	Organization
Mar. 2013	To date	Head of Research Committee, Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences.	Imam Abdulrahman Bin Faisal University
May. 2013	Feb. 2018	Acting Chairperson of the Transfusion Committee	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University
Jan. 2014	To date	Member of Postgraduate Programme Committee, Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences	Imam Abdulrahman Bin Faisal University
Jan. 2015	Sep. 2019	Member & Blood Bank & Transfusion Medicine Representative of Trauma Committee	King Fahd Hospital of the University, Imam Abdulrahman Bin Faisal University
Aug. 2016	To date	Member of Quality and Accreditation Team (Team of Excellence), Department of Clinical Laboratory Sciences (CLS), College of Applied Medical Sciences	Imam Abdulrahman Bin Faisal University
Nov. 2019	Nov. 2021	Member of the Scientific Council, Vice-Presidency	Imam Abdulrahman Bin Faisal University



		for Scientific Research & Innovation	
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### Scientific/Academic/Clinical Consultations

From	To	Institute	Full-time or Part-time
Nov. 2021	Nov. 2022	Mohammed Al-Mana College for Medical Sciences	Advisor
Feb. 2020	Jan. 2024	Prince Sultan Military College for Health Sciences	Advisor
Sep. 2019	Jun. 2020	Prince Sultan Military College for Health Sciences	Part-time
Jul. 2015	Sep. 2018	Directorate of Health Affairs in Al-Baha, King Fahd Hospital	Visiting Consultant (Locum)

### Teaching Activities

Full Participation in *Teaching, Examination Preparation and Evaluation* of the Following Courses:

#### I. Clinical Laboratory Sciences (CLS) Undergraduate Students:

- **Molecular Biology Course CLS202:** 2 Credit Hours Course (Lecture + Lab) Given in the 1<sup>st</sup> Semester to 2<sup>nd</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Hematology Course CLS209:** 3 Credit Hours Course (Lecture + Lab) Given in the 2<sup>nd</sup> Semester to 2<sup>nd</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Coagulation & Hemostasis Course CLS303:** 3 Credit Hours Course (Lecture + Lab) Given in the 1<sup>st</sup> Semester to 3<sup>rd</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.



- **Immunohematology and Blood Banking Course CLS305:** 4 Credit Hours Course (Lecture + Lab) Given in the 2<sup>nd</sup> Semester to 3<sup>rd</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Laboratory Management and Ethics Course CLS310:** 2 Credit Hours Course (Lecture) Given in the 2<sup>nd</sup> Semester to 3<sup>rd</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Clinical Hematology Course CLS401:** 6 Credit Hours Course (Lecture + Practicum) Given in the 1<sup>st</sup> & 2<sup>nd</sup> Semesters to 4<sup>th</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Clinical Blood Banking Course CLS402:** 6 Credit Hours Course (Lecture + Practicum) Given in the 1<sup>st</sup> & 2<sup>nd</sup> Semester to 4<sup>th</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Graduation Research Project Course CLS407:** 2 Credit Hours Course (Practicum) Given in the 1<sup>st</sup> & 2<sup>nd</sup> Semester to 4<sup>th</sup> Year Clinical Laboratory Sciences Students, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.

## **II. Clinical Laboratory Sciences (CLS) Postgraduate Students:**

- **Pathology of Diseases CLS702:** 4 Credit Hours (Lecture) as Part of the MSc. Programme, As Co-supervision, Guidance, Assessment and Examination of these Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Student Seminar-I CLS704:** 1 Credit Hour (Lecture) as Part of the MSc. Programme, As Supervision, Guidance, Assessment and Examination of these Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Student Seminar-II CLS705:** 1 Credit Hour (Lecture) as Part of the MSc. Programme, As Supervision, Guidance, Assessment and Examination of these Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Basic Hematology and Laboratory Diagnosis CLS717:** 2 Credit Hours (Lecture) as Part of the MSc. Programme, As a Full Coordination, Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Transfusion Medicine CLS718:** 2 Credit Hours (Lecture) as Part of the MSc. Programme, As a Full Coordination, Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.



- **Advanced Hematology CLS719:** 3 Credit Hours (Lecture) as Part of the MSc. Programme, As a Full Coordination, Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Introduction to Hematological Malignancies CLS720:** 2 Credit Hours (Lecture) as Part of the MSc. Programme, As a Full Coordination, Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Hemostasis and Thrombosis CLS721:** 3 Credit Hours (Lecture) as Part of the MSc. Programme, As a Full Coordination, Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.
- **Master's Degree Thesis CLS799:** 6 Credit Hours (Dissertation Supervision) as Part of the MSc. Programme, As Supervision, Guidance, Assessment and Examination of Candidates. Clinical Laboratory Sciences, College of Applied Medical Sciences, Imam Abdulrahman Bin Faisal University.

### **III. Clinical Laboratory Sciences (CLS) Bridging Programme Students:**

- **Prep Course of Haematology and Blood Bank:** 4 Credit Hours Given to the Prep Semester CLS Bridging Students and Extends Over One Semester.
- **Haemostasis:** 4 Credit Hours Given to the 1<sup>st</sup> year CLS Bridging Students and Extends Over One Semester.
- **Blood Bank:** 3 Credit Hours Given to the 1<sup>st</sup> year CLS Bridging Students and Extends Over One Semester.

### **IV. Clinical Teaching in the Haematology Fellowship Programme:**

- **Blood Transfusion Medicine Course FHEMT 409-817:** 4 Credit Hours Given in the 1<sup>st</sup> Year as Part of the Haematology Fellowship Programme, College of Medicine, Imam Abdulrahman Bin Faisal University. As a Clinical Teaching in the Department of Blood Bank and Transfusion Medicine.
- **Advanced Transfusion Medicine Course FHEMT 409-831:** 4 Credit Hours Given in the 3<sup>rd</sup> Year as Part of the Haematology Fellowship Programme, College of Medicine, Imam Abdulrahman Bin Faisal University. As a Clinical Teaching in the Department of Blood Bank and Transfusion Medicine.



### Supervision of Master and/or PhD Thesis (Finished & Ongoing)

Degree Type	Title	Institution	Date
MSc	Frequency of UCP2 45-bp Insertion/Deletion Polymorphism in Diabetic and Non-Diabetic Saudi Arabian and Its Association with Obesity	Imam Abdulrahman Bin Faisal University	2016
MSc	The Frequency of <i>IRS1</i> Gly972Arg Polymorphism and Its Relationship with the Incidence of Type 2 Diabetes Mellitus in the Eastern Province of KSA	Imam Abdulrahman Bin Faisal University	2016
MSc	Prevalence of Extended Red Cell Phenotypes Among Donors in King Fahd Hospital of the University, Al-Khobar, Saudi Arabia	Imam Abdulrahman Bin Faisal University	2018
MSc	Soluble sP-selectin and P-selectin Thr715Pro Polymorphism Association with Cardiovascular Disease in Type 2 Diabetes Mellitus Among Saudis From Eastern Saudi Arabia	Imam Abdulrahman Bin Faisal University	2018
MSc	The Association Between Two Genetic Polymorphisms in <i>ITGB3</i> and Increase Risk of Venous Thromboembolism in Cancer Patients in Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University	2018
MSc	The Prevalence and Risk Factors of Red Blood Cell Alloimmunization in Sickle Cell and Thalassemia Patients in the Eastern Province of Saudi Arabia	Imam Abdulrahman Bin Faisal University	2019
MSc	Association of ADAMTS13 genetic polymorphism in the Saudi population with the severity of coronary stenosis	Imam Abdulrahman Bin Faisal University	2020
MSc	The Cytogenetic and Immunophenotypic profile among Saudi Acute Myeloid Leukemia patients: Retrospective analysis for past five years in single center	Imam Abdulrahman Bin Faisal University	2020
MSc	Frequency of RhD Variant Among Pregnant Women in Dammam City, Saudi Arabia	Imam Abdulrahman Bin Faisal University	2020
MSc	Assessment of Minimal Residual Disease in Patients with B-Cell Acute Lymphoblastic Leukaemia using Euroflow: Relation to Other Risk Factors	Imam Abdulrahman Bin Faisal University	2021
MSc	The Immune-phenotypic Predictive Scoring Method Relation to Cytogenetic of Common Genetic Abnormalities Among Saudi Patients with Acute -B- Lymphoblastic Leukemia	Imam Abdulrahman Bin Faisal University	2021