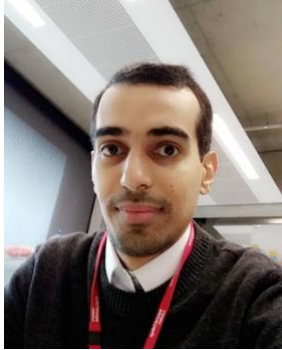


Dr Raed Ahmed Farzan



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JOB TITLES

- Head of Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, KSU 2023 - Present
- Deputy Director of Center of Excellence in Biotech for Technical Affairs, KSU 2023 – Present
- Consultant of Molecular Genetics, 2024 - Present
- Director of PhD Program in Clinical Laboratory Sciences, CAMS, KSU 2021 – 2023
- Member Board of Directors in Saudi Society of Clinical Laboratory Sciences SSCLS, 2021 – Present
- Trustee at The Saudi-British Society, 2017 - Present

EDUCATION

- Bachelor degree of Clinical Laboratory Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia 2005 - 2009
- Internship at King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia 2009-2010
- English Language for Academic Purposes, University of Florida, USA 2011-2012
- MSc In biomedical Sciences. Quinnipiac University, Connecticut, USA 2012-2013
- PhD in Clinical Research and Diploma of Imperial College London (DIC) In Department of Surgery & Cancer, Imperial College London, London, UK 2015 – 2020

TRAINING, CONFERENCES, WORKSHOPS & SEMINARS

- 1 - First forum of the Research in College of Applied Medical Sciences, 2009
- 2 - First forum of the clinical laboratory sciences, College of Medicine, King Saud University, 2009
- 3 - First Scientific Meeting of the Saudi Society of Clinical Laboratory Sciences, College of Medicine, King Saud University, 2010
- 4 - Training at Riyadh Military Hospital, Emergency Laboratory, 2007
- 5 - 9th Annual Conference of Saudi Students in the UK, Scientific Society for Saudi Students in the United Kingdom, Birmingham, 2016
- 6 - "Crossroads between transposons and gene regulation" The Royal Society, London, UK, 2019
- 7 - Quality and academic accreditation practitioner, King Saud University, 2022 include taking courses of: Academic program and course reports, Assessment of learning outcomes for programs and courses, Preparing for the visit and academic accreditation Documents, Program accreditation standards, Program and course specifications, Quality surveys s, KPIs and benchmarks, Self-assessment and independent opinion, Self-study reports.
- 8 – 2nd Annual Saudi laboratory and diagnostic congress, Riyadh, KSA 2022.
- 9 - Active negotiations skills workshop, KSU, 2022
- 10 - Preparing technical and financial offers, KSU, 2023
- 11 - Risk assessment workshop, KSU, 2023
- 12 - Research Bioethics online course, National Committee of Bioethics, 2023
- 13 – Medlab Middle East , Dubai, UAE 2023
- 14 – Global Health Exhibition, Riyadh, SA 2023
- 15 – Attending College of Applied Medical Sciences Strategic Planning Workshop, KAFD, Riyadh, SA 2023.
- 16 - Medlab Middle East , Dubai, UAE 2024
- 17 – Trends and Innovation of Laboratory, MOH, Riyadh, SA, 2024
- 18 – Teamwork Building Training Course, KSU, 2024.

EXPERIENCE

- 1 – Worked in Academic Accreditation Unit, Alumni Unit, College of Applied Medical Sciences, KSU, Riyadh 2007-2011.
- 2 – Co-founder of the Saudi Society of Clinical Laboratory Sciences. KSA - 2008.
- 3 - Chief committee of public relations and information in Saudi Society of Clinical Laboratory sciences and coordinator of the students club 2008 – 2015 and 2021 - Present
- 4 - Member in the technical committee of the chair of the medical and molecular genetics research 2008 – 2010 and Scientific Committee 2020 – Present
- 5 - Member of organizing committee of the first general assembly of the Saudi Society of Clinical Laboratory Sciences and first forum of the clinical laboratory sciences, College of Medicine, King Saud University - 2009.
- 6 - Member of organizing committee of the first forum of the Research in College of Applied Medical Sciences - 2009.
- 7 - Member of organizing committee of the first Scientific Meeting of the Saudi Society of Clinical Laboratory Sciences, College of Medicine, King Saud University – 2010.
- 8 - Worked in the online community of students of King Saud University as an applied medical sciences supervisor and general superintendent of the academic departments and Chairman of the Association of bloggers, my job was a supervisory and administrative as well as a co-work in the development of many of strategic policies 2005 – 2015.
- 9 - Founder member and general supervisor of ArabsLab.com, the first Arabic platform in medical laboratory sciences 2005 – present.
- 10 – Contribute to the production of College of Applied Medical Sciences Film and supervise location shooting and editing 2010.
- 11 - The Cultural Advisor for the Graduate Saudi Club at University of Florida, Gainesville, FL 2011.
- 12 - The Cultural Advisor for the Graduate Saudi Cultural Club at Quinnipiac University, CT 2012.
- 13 - President of the Graduate Saudi Cultural Club at Quinnipiac University, 2013 – 2014.
- 14 - Integrated Refugee & Immigrant Services Volunteer for Arabs and Africans Immigrant in translation and setting a new lives in New Haven, CT, USA 2013.
- 15 – Vice President of London Saudi Club Round 35, Saudi Arabian Cultural Bureau, London, UK 2015 – 2016.
- 16 – President of Imperial College London Saudi Society (Imperial Saudi) and member of students union 2016-2018 and represented ICL in International Higher Education Conference in Riyadh 2017.

- 17 – MISK Foundation main speaker and student representative during HRH crown prince visit to the United Kingdom in London March - 2018.
- 18 – Member of Supervisory board at the Scientific Society for Saudi Students in the United Kingdom - Saudi Cultural Bureau 2017-2018.
- 19 – Member of Organising Committee of the 9th Annual Conference of Saudi Students in the UK, Scientific Society for Saudi Students in the United Kingdom, Birmingham 2016.
- 20 – Active Member of the Saudi-British Society, London 2017 – Present.
- 21 – Member board of trustees (Trustee) at the Saudi-British Society in London, Royal Embassy of Saudi Arabia in the UK, London 2019 – Present. My role here is to enhance relations between the two Kingdoms through cultural events ranging from Books Receptions, dual interest talks, figures from both countries lectures on history, contemporary arts, and films festivals
- 22 – Member board of directors of Saudi Society of Clinical Laboratory Sciences 2021- Present.
- 23 – Regular volunteer for Cancer Research UK, a charity to support and fund clinical research related to cancer patients 2015 – 2020.
- 24 – Project consultant of biological and clinical evaluation of medical devices committee in the Saudi Food and Drug Administration 2020 – Present.
- 25 – Chair of Community service, Continuous education, Training and workshops committee in the department of Clinical Laboratory Sciences in KSU 2020 – 2021.
- 26 – Member of Strategic Planning and Monitoring in the department of Clinical Laboratory Sciences in KSU 2020 – Present.
- 27 – Member of Graduate Studies Committee in the department of Clinical Laboratory Sciences (Prepare PhD Admission Test, Supervise and monitor students, Conduct PhD applicants interviews) KSU 2020 – Present.
- 28 – Medical and biological program Instructor for Intellectual Giftedness (Mawhiba) Summer of 2021.
- 29 – Excellence in scientific publications, Saudi Cultural Bureau in the UK 2017.
- 30 – Member of Graduate Studies Committee at College of Applied Medical Sciences in KSU 2021 – Present
- 31 – Director of PhD Program in Clinical Laboratory Sciences in KSU 2021-2023, My role started from forming committees/ ensure staff are aware of their tasks, filter received applications, conduct and supervise admission exam, interview, final acceptance offer, assigned courses to faculty, supervise comprehensive exam, final approval of research proposals, supervise alignment of courses specifications and teaching, supervise course files are well written and filled in proper way for accreditation purposes. And of course, recruitment for new PhD students.
- 32 – Head of clinical laboratory sciences department, College of applied medical sciences, King Saud University 2023-Present.

33 – Member of transferring committee of center of excellence in Biotech, KSU, 2023.

34 – Head of technical team to assess and transfer center of excellence in Biotech, KSU, 2023.

35 – Deputy director of center of excellence in Biotech, KSU, 2023-Present.

35 – Teaching the following courses:

A – Undergraduate: CLS 351 Epidemiology & Emerging Diseases, CLS 353 Research Project-1, CLS 456 Research Project-2

B – Masters: CLS 521 Infection Control and Biosafety, CLS 599 Research Project.

C – PhD: CLS 603 Evidence Based Health Care

36 – Supervised several post and under graduate students projects

- More info. Can be found on my LinkedIn page

PUBLICATIONS

1 - Periyasamy, Manikandan; Singh, Anup K; Gemma, Carolina; Kranjec, Christian; **Farzan, Raed**; Leach, Damien A; Navaratnam, Naveenan; Pálincás, Hajnalka L; Vértessy, Beata G; Fenton, Tim R; p53 controls expression of the DNA deaminase APOBEC3B to limit its potential mutagenic activity in cancer cells, Nucleic acids research, Volume 45, Number 19, Pages 11056-11069, 2017, Oxford University Press.

2 - Smith, Linda; **Farzan, Raed**; Ali, Simak; Buluwela, Laki; Saurin, Adrian T; Meek, David W; Author Correction: The responses of cancer cells to PLK1 inhibitors reveal a novel protective role for p53 in maintaining centrosome separation, Scientific Reports, Volume 8, 2018, Nature Publishing Group.

3 - Periyasamy, Manikandan; Singh, Anup K; Gemma, Carolina; **Farzan, Raed**; Allsopp, Rebecca C; Shaw, Jacqueline A; Charmsaz, Sara; Young, Leonie S; Cunnea, Paula; Coombes, R Charles; Induction of APOBEC3B expression by chemotherapy drugs is mediated by DNA-PK-directed activation of NF-κB, Oncogene, Volume 40, Number 6, Pages 1077-1090, 2021, Nature Publishing Group UK London.

4 - **Farzan, Raed**; Genome engineering in the study of APOBEC3 gene function, 2020, PhD Thesis, Imperial College London.

5 - Alotaibi, Naif H; Alrashed, May; Alenezi, Mohammed KD; Abu-Safieh, Leen; Almobarak, Abdulaziz A; Baz, Batoul; **Farzan, Raed A**; Alsuhaibani, Mohammed S; Al-Alsheikh, Yazeed; Isolated Congenital Anosmia: Case

Report and Literature Review, Ear, Nose & Throat Journal, Pages 1455613221111490, 2022, SAGE Publications Sage CA: Los Angeles, CA.

6 - Alshammary, Amal F; Ansar, Sabah; **Farzan, Raed**; Alsobaie, Sarah F; Alageel, Arwa A; Al-Hakeem, Malak Mohammed; Ali Khan, Imran; Dissecting the Molecular Role of ADIPOQ SNPs in Saudi Women Diagnosed with Gestational Diabetes Mellitus, Biomedicines, Voume 11, Number 5, Pages 1289, 2023, MDPI.

7 - Alshammary, Amal F; AlQarni, Hassan M; **Farzan, Raed**; Ali Khan, Imran; Vennu, Vishal; The risk of venous thromboembolism and blood hyperlactatemia is associated with increased mortality among critically ill patients with Covid-19, The Clinical Respiratory Journal, 2023

8 - Alshammary, Amal F; Alshammari, Abdulrahman M; **Farzan, Raed**; Alsobaie, Sarah F; Alageel, Arwa A; Khan, Imran Ali; A study on the immunological vitality of an inflammatory biomarker explored with rs5743708 polymorphism in TLR2 gene among Saudi women confirmed with polycystic ovarian syndrome, Saudi Journal of Biological Sciences, Volume 30, Number 7, Pages 103687, 2023, Elsevier.

9 - Alshammary, Amal F; Alsobaie, Sarah F; Alageel, Arwa A; Aldakheel, Fahad M; Ansar, Sabah; Alrashoudi, Reem; **Farzan, Raed**; Alturki, Norah A; Alhaizan, Maysoon Abdulhadi; Al-Mutawa, Johara; Molecular Role of Asn680Ser and Asp37Glu Missense Variants in Saudi Women with Female Infertility and Polycystic Ovarian Syndrome, Current Issues in Molecular Biology, Voulme 45, Number 7, Pages 5494-5514, 2023, MDPI.

10 - Amal F Alshammary, **Raed Farzan**, Sarah F Alsobaie, Arwa A Alageel, Imran Ali Khan; Strategy for immunological analysis of pro-inflammatory cytokine marker studies with chronic hepatitis B virus in Southwestern region of Saudi Arabia, Journal of Infection and Public Health, Volume 16, Issue 10, Pages 1613-1618, 2023, Elsevier.

11 - Ali H Aldoukhi, Panayiotis Bilalis, Dana M Alhattab, Alexander U Valle-Pérez, Hepi H Susapto, Rosario Pérez-Pedroza, Emiliano Backhoff-García, Sarah M Alsawaf, Salwa Alshehri, Hattan Boshah, Abdulelah A Alrashoudi, Waleed A Aljabr, Manal Alaamery, May Alrashed, Rana M Hasanato, **Raed A Farzan**, Roua A Alsubki, Manola Moretti, Malak S Abedalthagafi, Charlotte AE Hauser; Fusing Peptide Epitopes for Advanced Multiplex Serological Testing for SARS-CoV-2 Antibody Detection, ACS Bio & Med Chem Au, 2023

12 – Vennu, Vishal PhD; Alshammary, Amal F. PhD; **Farzan, Raed** PhD; Ali Khan, Imran PhD. A conceptual model of factors associated with health-related quality of life in men and women with knee osteoarthritis in Riyadh, Saudi Arabia: A multicenter cross-sectional study. Medicine 102(30):p e34175, July 28, 2023. | DOI: 10.1097/MD.00000000000034175



13 - Basudan, A.M.; Basuwdan, A.M.; Abudawood, M.; **Farzan, R.**; Alfhili, M.A. Comprehensive Retrospective Analysis of Colorectal Cancer Incidence Patterns in Saudi Arabia. *Life* 2023, *13*, 2198. <https://doi.org/10.3390/life13112198>