

DR. HUSSAH M ALOBAID

PROFESSIONAL SUMMARY

Assistant Professor experienced in physiology and cell signalling field. Vice dean assistant of the college of science for development and quality. Certified Practitioner of Quality and Academic Accreditation. Dedicated to providing students with necessary tools to achieve academic goals and prepare for future careers. Enthusiastic professional with background in academic advisement. Goal-oriented to advance department, improve teaching and modernize courses. Passion for driving research in how the brain regulates hormonal activity in the body "in response to anxiety disorders" and specifically reproductive hormones. I'm also interested in studying the potential effect of extracted plants on cancer cells using nanotechnology.

EDUCATION

Ph.D. in Cell Signaling. **University of Bristol, Faculty of Medicine**, Bristol, UK.
MSc, in Physiology. **College of Science, KSA**, Riyadh, KSA.
BSc, in Zoology. **College of Science, PNU**, Riyadh, KSA, Saudi Arabia.

WORK HISTORY

- ASSISTANT PROFESSOR** 02/2020 to Current. Zoology Dep., College of science, KSU
- Developed multidisciplinary approaches to education, ensuring high-quality teaching and student experiences. Continued personal professional development, optimizing knowledge to enhance course curriculum. Aiding academic progression and growth in line with demands. Supervising postgraduate students.
 - **TEACHING ASSISTANCE**, 07/2017 to 08/2018. **University of Bristol**, Bristol, UK, Supervise MSc students in the lab.
 - **LECTURER** 01/2012 to 12/2019, Zoology Dep., College of science, KSU.
 - Designed exams, assessments and course content, including lecture material and writing assignments.
 - Lectured classes using exceptional communication techniques to enhance engagement.
 - Served as primary subject lecturer, coordinating undergraduate and postgraduate students.
 - Varied course delivery through workshops, work placements and technology-based learning.
 - **TEACHING ASSISTANT** 06/2010 to 06/2011. Zoology, College of science, KSU.
 - Working collaboratively with lecturers in delivering lecture, , Supervised students to maintain adherence with health and safety requirements, inside and outside laboratory.

SKILLS

- Technical and computer skills; EndNote, Graph Pad Prism -Visual basic programming, MatLab, Notepad⁺⁺
- Proofreading and editing
- Quality education
- Expert in genomic studies, cell culturing, animal surgery, Live cell
- Imaging, Adenovirus transduction, IHC, ICC,
- Interpersonal skills; creativity, Adaptability and Leadership.

MEMBERSHIPS AND COMMITTEES

A member in Saudi Society for Oncology research (DAEM) since 2022.

I am actively involving in various committees:

Department.

- Academic Accreditation Committee, 2022-now
- The Preventive Precautions Committee against the Corona Pandemic, 2020-2021
- The Committee for Activating the Agreement with Al-Borg Laboratories. 2
- The Development and Quality Committee,
- Coordinating committee for graduate studies,
- Academic advising committee,
- Graduate Admission and Registration Committee,

College.

- The Committee of Strategic Planning Unit, 2019-now.
- The Administrative ISO Development Committee, 2023
- Committee for Activating the Agreement with Al Borg Laboratories, 2021-now
- Simulation Education Committee.

University.

- Scientific Committee of institutional funding for research and innovation.
- The Standing Committee for the Approval of Proposals for Research Plans and University Theses.

PUBLICATIONS



ORCID



Research gate

CONFERENCES.

- The 1ST Meeting Of The Saudi Society For Oncology Research (2022)• Dammam, KSA.
- ENDO 2022 Annual Conference, June 11-14, 2022, ATLANTA, GEORGIA, ONLINE.
- International conference and exhibition for education ICEE, Riyadh, KSA, 8-11 May 2022.
- Society for endocrinology BES, Glasgow, Scotland, UK, 19-21 November 2018.
- Bristol brain research: showcase and networking day, Bristol, UK, April 2018.
- Europhysiology meeting, London, UK, 14-16 September 2018.
- The annual meeting of the British Society for Neuroendocrinology. Nottingham, UK, 10-12 September 2017.
- The 27th meeting of the Saudi Biology Society. Jazan, Saudi Arabia, March 6-8-2012.
- Unique Learning for Next Generation, Second International Conference e- learning and Distance Learning, Riyadh, (2011).
- Second Scientific Conference for students in higher education, KSU, Riyadh, (2011).

POSTGRADUATE DISCUSSION THESIS:

- Abeer Alghamdi. Thesis title: The potential effects of PD173074 drug and Berberine extract on DMBA-induced breast cancer in the female Swiss albino mice.
- Shuruq alzahrani, 2022. Thesis title: Association of *DENND1A* genetic variants with polycystic ovary syndrome among Saudi women.
- Amal Alzahrani, 2020, thesis title: Effect of biosynthesized silver nanoparticles by *Garcinia mangostana* extract against MCF-7 human breast cancer cell line."

- Hanan Alsaheed, 2020, thesis title: Study the cytotoxicity of As-AgNPs and the expression of *EGFR*, *ERBB3*, *KRAS* and *PIK3CA* genes in Lung and cervical cancer cell lines
- Reem Alatawi, 2021, thesis title: The Potential Effect of Nanoparticles Using *Adansonia digitata* Fruit against Pathogenicity of *Listeria Monocytogenes* in Female BALB/c Mice "
- Alanoud alresheed, 2021, thesis title: The association of Toll-Like receptor 7 gene polymorphisms with " recurrent pregnancy loss among Saudi female patients with systemic lupus erythematos

AWARDS

- Scholarship from the ministry of higher education, King Saud University for a PhD study for 4 years (2015-2019).
- Best poster presentation at Bristol brain research: showcase and networking day. 04/2018. UK.
- Cultural Attaché Award (scientific excellence) for the academic years 2018/2019, 2017/2018 and 2016/2017. Royal Embassy of Saudi Arabia Cultural Bureau in London.

TRAINING AND WORKSHOPS

- Present a workshop titled by: A practical intense workshop on small laboratory animals, KSU. 2023,
- Certified Practitioner of Quality and Academic Accreditation, KSU, 2021.
- Certification in ISO17025, HDTC, 2022.
- Faculty member preparation courses, held by the Deanship of Skills Development at King Saud University. (2020-2021).
- Create an electronic introductory book for new faculty members, 2021.
- A lecture entitled "The Hidden Symptoms of Diabetes", World Diabetes Day, College of Medicine, King Saud University. 2021.
- Giving a series of lectures on academic reading and writing titled by (How to read a paper; steps to read an article. Finding a research gap.) 2020, King Saud University.
- A scientific panel discussion on the difficulties that postgraduate students face in scientific research, 2020.
- A workshop entitled "Towards an Integrative Partnership to Accelerate Research and Scientific Discoveries" under the patronage of His Excellency the Minister of Education, Dr. Hamad bin Muhammad Al Al-Sheikh, via Zoom, September 30, 2020.
- Introduction to Data Wise: A Collaborative Process to Improve Learning & Teaching, 2020, Harvard University.
- Nanolive tech session, by nanolive company, online, Switzerland, 2020.
- SARS-COV-2 Evolution, Mutation and Diagnosis, medical academy website, 2020.
- Quickfix: Building your resilience, UK, 2017
- Business and Innovation: Creating Positive Change, UK, 2017.
- Presentation skills with Pete Moore, UK, 2017.
- Personal impact and confident networking, UK, 2017
- intensive skills day run by ICAEW, UK, 2017.
- A training course at the Department of Biological and Medical Research, Research Center at King Faisal Specialist Hospital (2007).

LANGUAGES

Arabic: Native language

English:

C1

Advanced