Name	*Mohamed MUSA Y. Al-Zahrani*
Post	*Asistant professor of biology (Cell biology, genetic and tissue)*
Academic career	• *(2017): Doctor of Philosophy in Science - Cell biology, heredity and tissue - Department of Zoology – College of Science - King Saud University Excellent general rating).* • *(2007) : Master of Science in Cell Biology, Genetics and Tissue - Department of Zoology – College of Science - King Saud University - Excellent General Assessment.* • *(1998): Bachelor of Faculty of Education - Department of Biology - King Faisal University - a good general estimate .*
Employment	• *Assistant Professor of biology, IMSIU University, College of Science, Riyadh, 2018 to date.* • *Teacher in the Department of Education in Riyadh.* • *Teacher in the General Administration of Education in the Eastern Region.* • *Assistant Supervisor in the General Administration of Education in the Eastern Region 2003/2004* • *A teacher to the Kingdom of Bahrain for four years.* • *Educational trainer in the Kingdom of Bahrain for one year during my work there.*
Research and development projects over the last 5 years	● *Research Fellowship for the Genomic Research Chair Program, College of Science, Department of Biochemistry, King Saud University, Riyadh, Saudi Arabia (2017)* ● *Several research projects funded by the deanship of research at King Saud University*
Industry collaborations over the last 5 years	*None*
Patents and proprietary rights	*None*
Important publications over the last 5 years (*Total number:4)*	• ***AL-Zharani Mohammed**, Abutaha Nael, Nasr Fahd A., Dekhil Hafedh and Wadaan Muhammad A. Evaluation of Medicinal Plant Extracts against LOVO and MDA-MB-231 Adenocarcinoma Cell Lines. Research Journal of Biotechnology. Vol. 12 (1) January **(2017)**.* • *Abutaha Nael , **AL-Zharani Mohammed**, AL-Mekhlafi Fahd A., AL-Tamimi Jameel, Mashaly Ashraf M.A. and Wadaan Muhammad A. Acute and Subacute Toxicity of Ethyl Acetate Fraction of Cochliobolus spicifer (Nelson) isolated from Phoenix dactylifera(Linnaeus) on Balb/c Mice. Research Journal of Biotechnology Vol. 12 (4) April (**2017**).* • *Nasr Fahd A. Abutaha Nael, **AL-Zharani Mohammed** and Wadaan Muhammad A. Anticancer potential of Plant Extracts from Riyadh (Saudi Arabia) on MDA-MB-231 Breast Cancer Cell Line.(**Submitted**).* • ***Mohammed Al-zharani**, Nael Abutaha, Mohammed Mubarak, Fahd A. Nasr,*

	*Semlali Abdelhabib and Muhammad A. Wadaan. Effects of hexane extract of Ferula hermonis Boiss. on human breast and colon cancer cells: an in vitro and in vivo study.(**Submitted**).*
Activities in specialist bodies over the last 5 years	*Experience in:* *• Dealing with cell culture technique and evaluating the effect of plant extracts on cancer cells using cellular toxicity tests (MTT assay & LDH assay).* *• Cancer cell migration experiments.* *• Isolating biological molecules (DNA, RNA and Protein).* *• Electrophoresis of biomolecules.* *• Dealing with laboratory mice.* *• The method of preparation and dyeing skeletons of laboratory mouse embryos.* *• The preparation of chromosomes from laboratory mouse embryos (from liver) and from adult animals to mouse and rat (From the femur of the femur).* *• Counting and examining the chromosomes under the microscope to identify chromosomal and structural chromosomal defects.* *• The preparation of the sectioning of the optical microscope.* *• The preparation of smearing.* *• Assembling blood from the eyes of rats, rabbit ears and serum isolation.* *• The use of composite optical microscopy, microscopy and fluorescent microscopy.* *• The maintenance of optical microscopes.* *• Preparing the animal breeding room for use in scientific research.* *• Using Blood Chemistry Analyzer.*