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PERSONAL INFORMATION

Dr. Mohammad Akram Al Majali

FACULTY FULL NAME: Faculty of Applied Medical Sciences

Academic Rank: Assistant Professor.

Date & Place of Birth: 2 Apr 1984/ Al Qasr

Nationality: Jordanian

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Academic Qualifications

- ◆ PhD Degree in Biological Sciences – Dissertation entitled: **(Evaluation of volatile oil chemical polymorphism and potential antimicrobial and antioxidant activities of four *Pinus* species growing in Jordan: *in vitro* and *in vivo* study)** / The University of Jordan, Jordan, 2020, **Rating: Very Good.**

During my PhD degree, I had many **courses** in all biological sciences fields in advanced level (**Molecular Physiology, Advanced Vertebrate Biology {Comparative**

Anatomy}, Chemistry of Proteins and Enzymes, Bioenergetics, Advanced Biochemistry, Microbial Physiology, Advanced Applied Microbiology, Biotechnology of Living Organisms, Biotechnology in Food and Nutrition, Medicinal Plants, Plant Ecology and Biodiversity).

- ◆ M.Sc. Degree in Biological Sciences – Thesis entitled:(**Antibacterial and antioxidant activities of ethanolic extracts of *Nigella sativa* and *Pimpinella anisum***)/ Mu'tah University, Jordan, 2012, **Rating: Excellent**.

During my M.Sc. Degree, , I had many **courses** in all biological sciences fields in advanced level (**Physiology, Neurobiology, Biochemistry, Molecular Biology, Cell Biology, Microbial Metabolism, Immunology, Research Project, Instrumental Analysis in the Biological Sciences and Plant Physiology**).

- ◆ B.Sc. Degree in Nutrition and Food Technology/Mu'tah University, Jordan, 2006, **Rating: Good**.

During my B.Sc. Degree, Also I had **courses** in all Biological sciences and its related fields in undergraduate level (**General Biology 1, Practical General Biology 1, General Biology 2, Practical General Biology 2, Animal Physiolog, Microbiology, Practical Microbiology and Biochemistry**).

- ◆ General Secondary Certificate, Scientific Branch, Al-Qasr Secondary School, 2002.

▪ **TEACHING EXPERIENCE**

Duration(Y) : 2023-2024
University: Jerash University
Academic rank: Assistant Prof
Date of academic ranking: 1-10-1024
University: Jerash University
Faculty: Faculty of Science
Country : Jordan

▪ **Traning courses**

- Enhanced Computer Skills (Windows Office – Word and Excel), 2001.



دائرة الموارد البشرية
Human Resources Department

- Food Safety and Hygiene – Jordanian Agricultural Engineers Association, 2007.
- English Language Course – Preparing for TOEFL Test, 2009.
- IWRM and the Water, Energy and Climate Nexus – Water, Energy and Environment Center, The University of Jordan, 2013.
- Certificate of academic work practice 2024.

Publications

- ◆ Evaluation of the Antiglycation effect of Branched Chain Amino Acids and Phytochemical Compounds on RAW 264.7 cell line and Their Synergistic Effect on Colorectal Cancer Cell Line Panel (2021).
- ◆ Biofuel production from Agro-Industrial waste of tomato pomace by-products using *Aspergillus niger* and *S. cerevisiae* (2021).
- ◆ Branched-chain amino acids as *in vitro* and *in vivo* anti-oxidation compounds (2021).
- ◆ Prevalence and Impact of Nomophobia on Academic Performance among University Students: South of Jordan (2024).
- ◆ Bioelectrical Impedance Analysis (BIA) of body segment composition as an obesity assessment tool among Jordanians (2024).
- ◆ Determination of Heavy Metals in Fish Samples from Jordanian Markets using Microwave-Assisted Wet Acid Digestion followed by AAS Analysis (submitted).

Languages

- ◆ Arabic: Native
- ◆ English: Very good in writing, reading, speaking and understanding.