

Curriculum Vitae

Personal Data:

Name: Abeer Mahmoud Fraij
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Education:

Higher School; Kuwait. Dar Al Hanan private school	Kuwait		97%
B.Sc.; Yarmouk University <i>Biological Sciences</i>	Jordan	1993	88%
M.Sc.; Yarmouk University <i>Parasitology & Immunology</i>	Jordan	1997	90%

Title of Thesis: Comparison of *Echinococcus granulosus* coproantigens with Excretory / Secretory antigens of *in vitro* cultured stages.

Honors and Awards: Top ranking among all classmates during my high school education, undergraduate education and graduate studies

Career Track:

2005-present	Faculty member (lecturer) at the Hashemite University
1997-2005	Teaching Assistant, Hashemite University
2 nd semester, 1997	Part-Time Lecturer, Yarmouk University
1995-1996	Research Assistant, Yarmouk University
1993-1994	Teaching assistant, Yarmouk University

Courses Taught during my tenure at the Hashemite University:

General Biology Laboratories 1 & 2, .Animal Biology, Invertebrate Zoology, Ecology, Embryology, Hematology, Parasitology, Immunology, General Microbiology, Applied Microbiology, Medical Microbiology, Mycology, Microbial physiology, Fish Biology, general biology 101,102,103,104,105, biotechnology &community.

- Also I'm the main coordinator for general biology as well as community & biotechnology courses in many semesters.

Technical Laboratory Skills:

Native and SDS-PAGE Electrophoresis, Cellulose Acetate electrophoresis, Immunoblotting, Immunodiffusion, Antibody/Antigen Assay techniques, preparation of rabbit antibodies, *In Vitro* culture of *Echinococcus granulosus*, *In Vivo* development of secondary hydatidosis, Animals Immunization, preparation of different antigens using different techniques like Amicon Filtration and Lyophilization, isolation of T cells and lymphoid organs, phagocytosis in addition to extensive experience in bacterial isolation and identification.

Extracurricular activities:

University Level:

- Member, Student elections committee.

Faculty Level:

- Active member, social committee of the faculty of Science, HU, 2002-Till now.
- Member, faculty curriculum committee.
- Member, Scientific Day of the Faculty of Science.

Department Level:

- Chairperson, social committee, Department of Biology, HU, 2008- 2013.
- Member, department council 1998-present.
- Member, department curriculum committee.
- Active participant in the Biology Museum at the department.
- Academic advisor to Biotechnology students of years 2008 & 2014.
- Member, electron Microscope committee.
- Member, Library Committee.
- Member, Biology Building Improvement Committee.
- Member, Cultural Committee.
- Member Sport Activities Committee.
- Investigation of Student Cases Committee. 2008.
- Member, Scientific Day of the department of biological Sciences.

Research Interests:

- Applied microbiology & biotechnology techniques used for Olive Mill Waste Water treatment and usage beneficially.
- Immunoparasitology
- **Research assistant** with Dr. Ilias Saliba : Studies to Improve the strategies for the control of insects (Mosquitoes) in Al Hashemeyya area at Zarqa governorate. 1999-2000

Publications:

Hamad M., Muta'eb E., Abu Shaqra Q., **Fraij A.**, Abu Elteen K., Yasin S. 2005. Utility of the estrogen-dependent vaginal candidosis murine model in evaluating the efficacy of various therapies against vaginal *C. albicans* infections. *Mycoses* 2006; **49** (2):104-108.

Massadeh M., **Fraij A.**, Fandi, K. 2010. Effect of carbon sources on the extracellular lignocellulolytic enzymatic system of *Pleurotus Sajor- Caju*. *Jordan Journal Of Biological Sciences* 2010; **3**(2): 51-54.

Fraij A & Massadeh M., Use of *Pleurotus sajor-caju* for the Biotreatment of Olive Mill Wastewater. *Romanian Biotechnological Letters*; 2015; **20** (4): 10611 - 10617

Computer Skills:

- Working knowledge with MS-Word, Excel & Power point.
- Training course in PC office applications for professionals; Hashemite University, 1998.

Workshops & Training Courses:

- E-learning. A Comprehensive training course on preparing teaching materials for e-learning. Hashemite University. 2008
- Educational Development Training course. Hashemite University.
- The Jordanian Society for Fertility and Genetics Workshop on Frontiers in Human Pluripotent Stem Cells. April 20nd, 2011, Amman, Jordan.

Conferences Attended:

- First Medicinal Plants Conference (23- 24may, 1998) at Applied University.Amman Jordan.
- Canadian American conference for academic disciplines (30th of May - 8th of June, 2017), McGill University, Montreal, Canada.

Language Proficiency:

Arabic: Mother tongue

English: Fluent