

Curriculum Vitae



Nabeel Mohammad Modallal

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Personal information

Date/Place of birth: 20th May 1967/Irbid-Jordan
Nationality: Jordanian
Marital Status: Married
Children: Five

Academic qualification

- Master in Biological Sciences, the Yarmouk University, Irbid-Jordan, Second semester 1994. Research area: **Microbiology and Molecular Biology**. Thesis title: **Purification and characterization of O –Acetylserine sulphydrylase from *Leishmania major***. Rating very good.
- B.Sc. Biology, Yarmouk University, Irbid-Jordan, 1989. Rating very good.
- School Leaving Certificate, Irbid Secondary School, science section; Rating very good.
- Honourship list in B. Sc. Program in the second semester 1988-1989

Honors and awards

Experience

1989 – 1990	High School Teacher. Al-Ramtha
1990 – 1991	Teaching Assistant, Department of Biological Sciences, Yarmouk University, Irbid - Jordan
1993 – 1994	Research Assistant, Department of Biological Sciences, Yarmouk University. Title of the Research: “Epidemiology of Hydatidosis in Jordan” This research received financial support from IDRC/Canada
1994 – 1997	Teaching Assistant, Department of Biological Sciences, Jordan University of Science and Technology
1997 – 2002	Teaching Assistant, Department of Biology, The Hashemite University, Zarqa - Jordan.
2002-till now	Lecturer, Department of Biology, The Hashemite University, Zarqa - Jordan.

Courses Taught

Practical Comparative Anatomy of Vertebrates	Practical Invertebrate Zoology
Practical Biochemistry	Practical Genetics
Practical Microbiology	Practical Histology
Practical Microtechniques	Practical Ecology
Practical General Biology (1)	Practical General Biology 2
Practical General Biology	General Biology (1)
General Biology (2)	Biochemistry (1)
Biochemistry (2)	Sports Biochemistry
Biochemistry for Medicine Students	Biology for Medical Sciences

Techniques Practiced

- Genotoxicity and cytotoxicity of plant extracts and drugs.
- Electrophoresis (Native, SDS polyacrylamide, Agarose) and others. General Immunological Techniques: Animal Handling, Immunodiffusion, Immunoblotting, ELISA, Cell Culturing, Azide and Aflatoxin Mutagenicity.
- Isolation, purification of enzymes from animal and plant sources.
- Enzyme kinetics and characterization the immunological
- Isolation and identification of plant alkaloids, saponins and others.
- Full capacity of preparing permanent slides of different types (squash, whole mounts smear and sections) for animal and plant samples.

Publications

Articles:

1. **Modallal, Nabeel M.** and Fawzia Al-Charchafchi. (2006) Allelopathic Effect of *Artemisia herba alba* on Germination and Seedling Growth of *Anabasis setifera*. Pakistan Journal of Biological Sciences 9: 1795-1798
2. Atoum, M., Fawzia Al-Charchafchi and **Nabeel M. Modallal.** (2006) Biological Activity and Antimutagenicity of Water Soluble Phytotoxins from *Artemisia herba alba* ASSO. Pakistan Journal of Biological Sciences 9: 1774-1778
3. Massadeh, M.I., **Modallal, Nabeel** (2008) Ethanol Production from Olive Mill Wastewater (OMW) Pretreated with *Pleurotus sajorcaju*. Energy & Fuels 22: 150-154.
4. **Nabeel Modallal**, S. Abderrahman and A. Papini (2008) Cytogenetic Effect of *Arum maculatum* Extract on the Bone Marrow Cells of Mice. Caryologia 61(4): 383-387
5. Salim M. Abderrahman and **Nabeel Modallal.** (2009). Genotoxic Effects of *Catha edulis* (Khat) Extract on Mice Bone Marrow Cells. Jordan Journal of Biological Sciences 1:165-172
6. Salim Abderrahman and **Nabeel Modallal.** (2009). Relative DNA Content of Three Cytotypes of *Pohlia nutants*. Jordan Journal of Biological Sciences 2: 129-134
7. Esam Qnais, **Nabeel Modallal**, Yousra Bseiso, Mohammad Wedyan and Hakam Alkhateeb. (2017) Evaluation of The Antinociceptive Effects Of The Essential Oil From Aerial Parts of *Anastatica Hierochuntica* In Experimental Models. Pharmacology online 3:112-122

Date: 4 January 2018

Languages

- Arabic: excellent
- English: very good

Training courses

- Assessment and Education Technology Course, held at the Hashemite University, June 2003

Hobbies

- Computer (hardware and software)
- Reading
- Chess