

# Curriculum Vitae

## Personal details:

**Date of Birth:** 02/8/1967  
**Place of Birth:** Al-Zarqa/Jordan  
**Nationality:** Jordanian  
**Marital Status:** Married.  
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## ACADEMIC RECORD

1. M.Sc In Biological Sciences (Zoology: Physiology), June 1994, University of Jordan, Amman.
  2. B.Sc. In Biological Sciences (Biological Analysis), 1989, Faculty of Sciences, university of Jordan, Amman.
- Title of thesis:** Effect of Selected Extract of *Ononis natrix* L. on Diuresis, Hemodynamic and on Isolated Smooth and Cardiac Muscles of the Rat.

## PROFESSIONAL EXPERINCE

1990-1994: Part time Lecturer and Teaching Assistant at Government college of Zarqa, Al-Khawarizmy College and University of Jordan.

1994: Part time Lecturer at the University of Jordan.Amman.

1994-1997: Full time Lecturer at the Yarmouk University.Irbid, Jordan.

1997-2002: Full time Lecturer at the College of Education, Department of Biological Sciences, Saudi Arabia.

2003-2005: Teaching Assistant, Department of Biological Sciences, Al al- Bayt University. 2005-date : Full time Lecturer, Department of Biological Sciences, Al al-Bayt University

## Courses taught at Al al-Bayt University: 2003 to date

- **Dept. of Biological Sciences:**
  - Animal Physiology Practical (404314)
  - Physiology and Anatomy for nursing (1001103)
  - Physiology and Anatomy for nursing Practical (1001104)
  - General Biology (404101)
  - General Biology Practical (404103)
  - General Biology for nursing (404108)
  - General Biology Practical (404104)
  - Immunology practical
  - Parasitology  
Parasitology Practical
  - Zoology 404213
  - Zoology Practical 404214
  - Biological Analysis
  - Hematology 404411
  - Hematology Practical 404412

## RESEARCH EXPERIENCE

1990-1994. University of Jordan – Jordan

Research for Master Degree:

### Effect of Selected Extract of *Ononis natrix* L. on Diuresis, Hemodynamic and on Isolated Smooth and Cardiac Muscles of the Rat.

Chemical studies: Chemical extractions of Aqueous , ethanol, Methanol etc by elution with si gel column chromatography .Chemical purification and identification using TL chromatography, gas chromatography. Determination of spatial and physical data ( mp.mmp,uv.ir.h-nmr ,ms ,co-tlc)

Biological Studies :

A.In Vitro Studies : Effects of chemical extracts on smooth muscles ( Aorta, ileum, urinary bladder, uterus..) isolated from rats

Perfused heart studies

B. In-Vivo Studies :

- Blood pressure studies
- Blood Flow studies
- Diuretic studies

## PUBLICATIONS :

1. Al-Khalil.S, **Masalmeh,A** and Abdulla Shtaywy.N. Arachidylanthranilic acid, a new derivative from *Ononis natrix* j. Nat. Prod. 58,5,760-763 (1995)
2. Abu-Ghalyun.Y **and Masalmeh.A.** Effects of Allocryptopine,an alkaloid isolated from *Glaucium arabicum* on rat isolated ileum and urinary bladder .Gen.Phrm. (1996)