

## 1-MU\_FSCI\_ZOOL\_IMMU\_DATA\_Azza.Mohammed

**Name:** Azza Hassan Mohamed  
**Date of birth :** May 25<sup>th</sup>, 1964  
**Sex:** Female  
**Citizenship:** Egyptian  
**Social Status:** Married, two boys  
**Address:** Zoology Department, Faculty of Science, Monoufia University, Monoufia, Shebeen El –Kom, Egypt

## 2-MU\_FSCI\_ZOOL\_IMMU\_LINK\_Azza.Mohammed

**B. Sc.** in Zoology, Faculty of Science, Monoufia University, Monoufia, Egypt 1985.

**M. Sc. Courses** in Immunology and Parasitology, Faculty of Science Cairo University, Cairo, Egypt 1985-1986

**M. Sc.** In Zoology, Faculty of Science, Monoufia University, Monoufia, Egypt, 1991

Thesis: (Biological and immunological studies on the effect of infection of *Biomphalaria alexandrina* snail vectors of *Schistosoma mansoni* in Egypt)

**German course in Goethe-Institute** Goettingen, Germany June-November.1993

**Ph. D.** In Zoology, Faculty of Biology, Eberhard- Karls - University, Teubingen, Germany 1998

Thesis: {Characterization of the haemocytes of *Biomphalaria glabrata*, (Say 1818) (Gastropoda: Planorbidae) in interaction with two strains of *Schistosoma mansoni* Sambon 1907 (Trematoda)}.

### **Academic Appointments:**

1985-1991 Demonstrator, Department of Zoology, Faculty of Science, Monoufia University, Monoufia, Egypt

○1991-1993 Assistant Lecturer, Department of Zoology, Faculty of Science, Monoufia University, Monoufia, Egypt.

1993-1998 Scholarship of the Deutscher Akademischer Austauschdienst (DAAD).

Doctoral fellow under the Supervision of Dr.Claus Meier-Brook in the Institute for Tropical Medicine, University of

- Tuebingen, Germany.
- 1999-2006 Lecturer of Zoology, Zoology Department Faculty of Science,  
Monoufia University.
- 2001-2003 Dean of Faculty of Education of Girls –El-Namas, Kingdom Saudi  
Arabia.
- 2006- Till Now Assistant Profssor of Palasitology  
Zoology Department Faculty of Science, Monoufia University.

## **List of Publications**

- (1) Osman, G. Y.; **Mohamed, A. H.**; Negm , H. I. and Mohamed, A. M. (1992): Effect of san 415, strain of *Bacillus thuringensis* and Schistosome infection on the survival ness and fecundity of *Biomphalaria alexandrina* snails . J. Fac. Sci. Menufia Univ . 8:47-69.
- (2) Sakr, H. H.; **Mohamed, A. H.** and Osman, G. Y. (2001): Efficiency of *Acarophnax tribolii* (Acari: Acarophaeacidae ) as a biocontrol agent against the rust-red flour beetle *Tribolium castaneum* (Coleoptera : Tenebrionidae). J. Union Arab Biol. 16(A): 281-298.
- (3) Hassab El-Nabi, S. E., **Mohamed, A. H.** and Osman, G. Y. (2001): Estimation of RNA electrophoretic pattern as an indicator of pollution in *Biomphalaria alexandrina* snails treated with certain plant growth regulators, a herbicide and lead acetate. J. Union Arab Biol. Cairo, 15 (A): 467 - 486 .
- (4) Heiba,F. N.; **Mohamed, A. H.** and Osman G. Y.(2003): Effect of *Fasciola gigantica* infection on reproduction of the intermediate host snail *Lymnaea natalensis*, with special reference to the neurosecretory cellsJ. Egypt.Ger. Soc. Zool., 40 (D) : 89-99 .
- (5) Mohamed, A. M.; Osman, G. Y.; **Mohamed, A. H.**; Hassab El-Nabi, S. E. and Sheir, Sh. K.(2004): Histological and molecular studies of freshwater bivalves *Caelatura sp.* treated with earth tec as a biomonitor to pollutionProc. Inter. Conf. Biol. Sci. 3 (1): 157-184 .
- (6) **Mohamed, A. H.** ; Osman G. Y.; Mohamed A. M. and Abd EL-Gawad A. E. (2004): Molluscicidal activity of mepiquat chloride (plant growth regulator) on biological activities of *Biomphalaria alexandrina*, the snail intermediate host of *Schistosoma mansoni*Proc. Inter. Conf. Biol. Sci. 3 (1): 188-215.
- (7) **Mohamed, A. H.**, Hassab El-Nabi, S. E. and Osman, G. Y. (2004): Electrophoretic pattern of RNA and single strand breaks of DNA (Comet assay) of some fresh water molluscs treated with cadmium chloride. J. Gene. Eng. & Biotechnol. (National Research Center) 2 (1): 15-34.

- (8) **Mohamed, A. H.** and Sheir. Sh. K.(2005): Effect of abamectin on certain molecular and histological aspects of the freshwater bivalves *Caelatura teretiuscula* and *Caelatura nilotica*. Egypt. J. Zool., 44: 305-326
- (9) **Mohamed, A. H.** and Abd EL-Gawad, A. E (2005): Effect of plant growth regulator (mepiquat chloride) on circulating hemocytes and total plasma protein of *Biomphalaria alexandrina* snails . Egypt J. Zool. 44: 283-303 .
- (10) **Mohamed A. H.** (2005): Characterization of surface lectins binding and SDS - PAGE protein patterns of *Biomphalaria alexandrina* haemocytes infected with *Schistosoma mansoni* . J. Egyp. Soci. Parasitol. 35 (2): 615-630 .
- (11) **Mohamed, A. H.** ; Osman, G. Y.; Mohamed A. M. and Abd EL-Gawad, A. E.(2006): Efficiency of *Melia azadrach* Fruit water extract on *Biomphalaria, alexandrina* snails. Egypt .J. EXP. Biol (Zool) 2:181-188.
- (12) Osman, G. Y.; **Mohamed, A. M.** and Sheir. Sh. K.(2006) Identification, seasonal variations and population density of annelids and Crustacean fauna in Bahr Shebeen canal ( Menofia Province , Egypt ) .Egypt. J. Exp. Biol. (Zool.) 2: 161-172.
- (13) **Mohamed, A.H.,** G. Y. Osman., A.M. Mohamed and S.A. AlQurmuti (2008): Effect of Roundup (herbicide) and *Shistosoma mansoni* infection on total protein patterns and free-pool amino acides of *Biomphalaria alexandrina* snails. Accepted in 4<sup>th</sup> Conf. Egypt .J. Exp. Biol (2008).
- (14) Osman, G.Y., **Mohamed A.H.,** Mohamed A.M. and Al Qormuti S.A. (2008) : Effect of Roundup (Herbicide) on biological activites of *Biomophlaria alexandrina* snails infected with *Schistosoma mansoni*. Accepted in 1<sup>st</sup> Inter. Conf.Biol.& Environm. Sciences (2008).
- Sakr, H. H. and Mohamed, A. H. (2006): Description and Biology of the Acarophenacid mite *Acarophenax tribolii* (Acari: Tarsonemina: Acarophenacidae), parasitoid on *Tribolium castaneum* (Coleoptera: Tenebrionidae). Bull. Ent. Soc. Egypt, 83:201-214.