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**Educational Qualifications:**

- Ph. D. In zoology ( Animal physiology ) , Faculty of Science , Assiut, Egypt, Assiut University Assiut, Egypt, 1973
- M. Sc. In zoology ( Animal physiology ) , Faculty of Science , Assiut, Egypt, Assiut University Assiut, Egypt, 1968
- B. Sc. In zoology ( Chemistry and Entomology ) , Faculty of Science ,cairo, Egypt, Ain Shams University, cairo, Egypt, 1963

**Academic Positions :**

- Emeritus Professor, Department of Zoology , Faculty of Science, Assiut University, 2001
- Professor, Department of Zoology , Faculty of Science, Assiut University, 1988
- Associate Professor, Department of Zoology , Faculty of Science, Assiut University, 1978
- Lecturer, Department of Zoology , Faculty of Science, Assiut University, 1973
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### **Supervisions :**

1- Mohammad Ali Osman Yusuf, Studies of the Role of Dopamine on Gastrointestinal Motility in Adult Male Rats, M. Sc, 25 June 2006

**Supervisors :** Khadija Abdul-Hamid Hassan , Emtal Mahmoud Mustafa , Enas Ahmed Hamed

2- Hanem Saad Abd Elt -wab , Histological and physiological studies on certain organs in the rat., M. Sc, 21 September 1986

3- Emad Abdel Aziz Ahmed Abdel-Jaber, Physiological Effect of Tannic Acid as Antioxidant on Long-term Aluminum Chloride Exposure in Rats, M. Sc, 29 April 2001

**Supervisors :** Khadija Abdul-Hamid Hassan, Hossam El-Din Mohammed Omar

4- Hanan Salah Waly, Effect of Type I Interferon (Interferon alpha and beta) on the protection of B Lymphocytes from Apoptosis, M. Sc, 6 July 2009

**Supervisors :** Prof. Dr. Khadega Abdel Hamed, Dr. Hanem Saad and Dr. Gamal badr

5- Mohamed Bassam , Physiological studies on some Nile Fishes, M. Sc, 21 September 1986

6- Muobarak Jaber Fath-Allah Tuorkey , Physiological Studies on the Anti-Ulcer Activity of Copper Complexes in Experimental Gastric Ulcer in Rats, M. Sc, 27 February 2008

**Supervisors :** Khadiga Abd El-Hameed Hassan, Tarek Hasan El-Metwally, Mohammad Bassam Al-Salahy

7- Hanan Salah Ahmed Waly, Detrimental Effects of Nicotine on Some Organs of Pregnant Female Albino Rats and the Protective Role of Certain Antioxidants, Ph. D., 12 July 2014

**Supervisors :** Khadega Abd El-Hamed Hassan, Marwa Abd Elazez Ahmed, Khaled Mohamed Ahmed Hassanein

8- Hossam El Din Mohamed, Effect of some prostaglandins on the Activity of the Thyroid Gland of Albino Rats, M. Sc, 10 July 1988

9- Hossam El Din Mohamed, Some Metabolic Effects of Insulin and Allexan in The Nile Fish Clarias Lazera , Ph. D., 11 November 1990

10- Nawal Abd-Elsamee, Studies on Some Parasitic Helminths Infecting Some Birds in Assiut, Ph. D., 14 February 1988

11- Mohammed Bassam Elsaid Ahmed, Some Metabolic Effects of Insulin and Allexan in The Nile Fish Clarias Lazera, Ph. D., 11 November 1990

12- Hossam El Din Mohammed, Physiological Effects of Venom Fraction From The Scorpion Buthus Occitanus on Prostaglandin Biosynthesis, Ph. D., 14 March 1993

## **Publications:**

- 1 - Ahmed M, Hassan KH, Hassanein KM, Waly H, Role of vitamin C and selenium in attenuation of nicotine induced oxidative stress, P53 and Bcl2 expression in adult rat spleen, Pathophysiology , 21(3), 211-7, September, 2014
- 2 - Badr G, Waly H, Eldien HM, Abdel-Tawab H, Hassan K, Alhazza IM, Ebaid H, Alwasel SH., Blocking type I interferon (IFN) signaling impairs antigen responsiveness of circulating lymphocytes and alters their homing to lymphoid organs: protective role of type I IFN., Cell Physiol Biochem. , 26(6), 1029-1040., <http://www.ncbi.nlm.nih.gov/pubmed/21220934>, January, 2010
- 3 - Badr G, Saad H, Waly H, Hassan K, Abdel-Tawab H, Alhazza IM, Ahmed EA., Type I interferon (IFN-alpha/beta) rescues B-lymphocytes from apoptosis via PI3Kdelta/Akt, Rho-A, NFkappaB and Bcl-2/Bcl(XL)., Cell Immunol., 263(1), 31-40, February, 2010
- 4 - Hassan, K.A., El-nafadi, El-Metwally, T. and Tuorkey, M.T.F., Apoptosis as the measure mechanism of cell death in the gastric ulceration (Shay rat) model: Rute of IL6 modulation by the cytoprotectant cover-glycenate and nicotinate complexes, , Proceedings of cairo Medical conference,, March, 2007
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- 6 - Hossam El-Din M.Omar Khadiga A.Hassan Abdel-Elghaffar S.Kh Ahmed E.A, Aluminum toxicity in rats: the role of tannic acid as antioxidant, Assiut Univ.Environ.Res., Assiut University, 6:2, 1-14, 2003
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- 8 - K.A.Hassan Hossam El-Din M.Omar S.Kh.Abdel-Elghafar E.AA.Abdel-Gabber, Role of tannic acid as antioxidant in reduction of the oxiative damage of aluminium chloride in the rat's brain, Assiut Vet.Med.J, Vet.Med.Faculty, 48:95, 100-115, 2002
- 9 - Hassan ,K.A., and ,H.M.,Omar, Role of tannic acid as antioxidant in reduction of the oxidative damage of aluminium chloride in the rats brains., Assuit Vet. Med. J., vol.48 ,No.95, P. 100-115, January, 2001
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- 12 - A.Y.Nasser K.A.Hassan Hossam El-Din M Omar, Effect of prostaglandin B1,F1 $\alpha$  and F2  $\alpha$  on thyroxine, triiodothyronine and calacium level in albino rat serum, Assiut J. of Agricultural Sciences , Faculty of Agricultural, Assiut Univ., 19:2, 43-56, 1988
- 13 - Ahmed Y. Nasser Kadiga A. Hassan Hossam El-Din M Omar, Kinetics of accumulation of radioiodine in rats thyroid gland as affected by PGB1, PGF1 $\alpha$  and PGF2 $\alpha$  , Assiut Medical J., Faculty of Medicine, assiut University, 12 (2), 1-17, 1988
- 14 - Hassan ,K.A.and El-Salahy, M.B., Effect of seasonal variations on phospholipid components in, three Nile fish species, Bull. Fac. , vol.15 ,No.1, P. 89-99, December, 1988
- 15 - Hassan ,K.A., Physiological cardiovascular and respiratory effects of melatonin on anaesthetized rabbits,, Assuit J.of Agric.Sci., vol.19 ,No.3, P. 4-18, December, 1988
- 16 - Hassan ,K.A., Physiological effect of wasp venom on spontaneous activity of albino rats and human blood heamolysis , total protein and essential amino acids contents in human serum, , Assuit

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- 17 - Hassan ,K.A., Physiological effect prostaglandins B<sub>1</sub>, F<sub>1</sub> $\alpha$  and F<sub>2</sub> $\alpha$  on lipids, phospholipids fraction and fatty acids content of albino rat serum,, Assuit J.of Agric.Sci, vol.19 ,No.1, P. 15-29, November, 1988
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