

CURRICULUM VITAE

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Date of Birth: 1st /January /1956

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CAREER HISTORY:

2009-2010 **Academic visitors**, School of Biology, University of Nottingham, UK.

2002- Present **Professor**, Department of Biology, College of Education (Ibn Al- Haitham), University of Baghdad.

1993-2002 **Assistant professor**. Department of Biology, College of Education (Ibn Al-Haitham), University of Baghdad

1990-1993 **Lecturer**, Department of Biology, College of Education (Ibn Al-Haitham), University of Baghdad

1978- 1985 **Biology Teacher**, Ministry of Education. Baghdad, IRAQ.

EDUCATION:

1968-1974 Ibn-Rushed Secondary School
Qualification: Baccalaureate 76%

1974-1978 Department of Biology, College of Education, University of Baghdad.
Qualification: B.Sc. in Biology 74.94%

1986-1990 Department of Biological Sciences, University of Lancaster, U.K.

Qualification: **Ph.D. in Animal Physiology**.

Ph.D. Thesis: Mechanical and Electrical Activity of Rat Ileum in Relation to Calcium Transport. An analysis with "Calcium Active" Drugs.

PUBLICATION:

- Mahmood, S.M. & Huddart, H.** (1993) Calcium dependent of electrical and mechanical activity in rat ileum examined by sucrose-gap technique. *J.Comp. Biochem. Physiol.* **105c** (3): 387-391.
- Mahmood, S.M. & Huddart, H.** (1993) Purinergic modulation of spontaneous activity and response to high potassium and acetylcholine in rate ileal smooth muscle. *J. Comp. Biochem. Physiol.* **106C** (1): 79-85.
- Mahmood, S.M., Al-Bakri, N.A. & Humran, F.K.** (1999) Effect of some calcium antagonist on the neurolation of the common carp, *Cyprinus carpio* L. embryo. *The Veterinarian.* **9**(2): 85-93.
- Al-Janabi, A.S., Taha, M.N. & Mahmood, S.M.** (2000) Seasonal structural changes in the testes of Iraqi *Buffalo bulls*. *Diala J.* **1**(8): 175-189.
- Mahmood, S.M. & Taha, M.N.** (2000) Effect of Calcium antagonists on field stimulation responses of frog skeletal muscle. *Ibn Al-Haitham, J. Pure & Appl. Sci.* **13**(1): 11-17.
- Mahmood, S.M., Al-Ani, F.S. & Faraj, S.S.** (2000) Effects of some calcium antagonists on rat tracheal smooth muscle. *J. Fac. Med. Baghdad.* **42**(4): 711-722.
- Mahmood, S.M., Al-Janabi, A.S. & Taha, M.N.** (2001) Sperm characteristics of Iraqi Buffalo during different seasons of the year. *The Veterinarian.* **11**(1):
- Mahmood, S.M.** (2001) Effect of verapamil on excitation-contraction (E-C) coupling in frog skeletal muscle. *Ibn Al-Haitham, J.Pure & Appl. Sci* **14**(1): 1-9.
- Mahmood, S.M. & Mohammad, A.A.**(2001) Effect of nifedipine on mechanical activity in normal and anaesthetized rat ileal smooth muscle. *Ibn Al-Haitham, J.Pure & Appl. Sci.* **2**(14): 13-20.
- Al-Bakri, N.A., Mahmood, S.M. & Humran, F.K.** (2001) The development of neurolation in *Cyprinus carpio* embryo. *Ibn Al-Haitham, J.Pure & Appl. Sci.* **14**(4): 57-70.
- Al-Ani, F.S. & Mahmood, S.M.** (2001) The role of Mn^{2+} , nifedipine and diltiazem on spontaneous and nor-adrenaline induced contraction of uretric smooth muscle contraction. *Kufa Med. J.* **4**(1): 334-338.
- Al-Ani, F. S., Mahmood, S. M. & Al-Ani, I.** (2005) Effect of some adenosine compounds on smooth muscles of the sheep bladder (*Osteius ovis* L.)> *J. Fac. Med. Baghdad.* **47**(3):290-295.

Abbas,S.K, Mahmood, S.M.& Ad'hiah, A.H. (2011) Immunological evaluation in patients with Diabetes mellitus. **Kirkuk university J. 6(3) 312-351.**

Mahmood, S.M. (2011) Toxicological & physiological effects of DDT on *Caenorhabditis elegans*. **Ibn Al-Haitham J.Pure & Appl .Sci. 24(1) 28-34.**

Maulood,K.A. & Mahmood,S.M.(2011) Effect of Iboprofen drug on some hematological and physiological paramerers of albino rats. **Kirkuk university J. 6(3) 504-537.**

Taha,M.N., Mahmood,S.M. &Yahia,G.A.K.(2012) Effect of hypothyroidism on sperms characteristics in testes and epididymide of male albino rats. **Ibn Al-Haitham J. Pure & Appl. Sci.25(3) 62-72.**

Mahmmod, S.M., Taha, M.N. &Yahia, G.A.K (2013) Effect of Carbimazol-induced hypothyroidism on male rat reproductive system. **Ibn Al-Haitham J. Pure & Appl. Sci. 26(1): 46-55.**

Rizgar Rasheed Al-Bajalan, Fatima S. Al-Nasiri and Saadi M. Mahmood (2015) Detection of *Taxoplasms gondii* by Latex and ALISA Test in Infertile and Fertile Men in Kalar City,Kurdistan Region, **App.Sci. 4(10): 570 – 585.**

Mahmood, S.M & Suheel, A.A. (2016) Effect of low-dose oral contraceptive pills in some haematological parameters in Iraqi women. **J. Basic Education 22(95): 15 – 24.**

Mahmood, S.M. & Suheel, A. A. (2017) Effect of low-dose oral contraceptive pills in some biochemical parameters in Iraqi women.

Supervision of Postgraduate studies:

1. Effect of some toxic environment pollutants on nervous system under different diet conditions by using avoidance response in mice. **(Ph.D. Thesis). (1998)**
2. Seasonal changes in some organ of the (*Bubalus bubalus*) reproductive system of buffaloes bulls in Iraq. **(Ph.D. Thesis). (1999)**
3. Effect of Calcium antagonists on the development of neural tube of the teleosteon fish embryo. **(M.Sc. Thesis). (1999)**
4. Effect of some calcium antagonists on smooth of rat trachea **(MSc. Thesis). (1999)**

5. Effect of adenosine compounds on the mechanical activity of sheep urinary smooth muscles. **(M.Sc. Thesis). (2000)**
6. A study of some Immunological, cytogenetic and physiological aspects of patients with Tuberculosis **(Ph.D. Thesis). (2003)**
7. Immunological and physiological effects of Pentostam on male Albino Rats. **(Ph.D. Thesis). (2004)**
8. Effect of Lead acetate in the fertility of mice. **(Ph.D. Thesis). (2004)**
9. Immunological and physiological effects of Tamoxifen on Albino female Rats. **(Ph.D. Thesis). (2005)**
10. Physiological, Immunological and Genetic Evaluation of Dichlorvos in white rabbit. **(M.Sc. Thesis)(2005)**
11. Physiological and Immunological Effects of Danazol on female albino mice. **(M.Sc. Thesis)(2005)**
12. Effect of Adenosine and Adenosine Triphosphate upon the mechanical activity of Rabbit Intestinal Smooth muscle. **(Ph.D. Thesis). (2006)**
13. Physiological and Histological Effects of some non-steroidal antinflamatory Drugs on male albino rats. **(Ph.D. Thesis). (2006)**
14. Immunological, Biochemical and Haematological Evaluation in patients with Diabetes Mellitus. **(Ph.D. Thesis). (2007)**
15. Effect of Hypothyroidism on some Organs of Male Reproductive System in albino Rats **(M.Sc.Thesis).(2008)**
16. Effect of oral contraceptive tablets on some physiological and biochemical parameters in women in Baghdad.**(M.Sc. thesis).(2015)**
17. Some physiological changes in Toxoplasmosis infected men.**(MSc. Thesis).(2015).**