
CURRICULUM VITAE

Personal data

Name : Maha Moustafa Attia
Date of Birth : 7-6-1961
Country of Birth:Egypt
Marital Status : Married
Job : Professor of Physiology.

Contact

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Medical Research Institute, Alexandria, Egypt
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Affiliation

Professor of Physiology, MRI, Alex. University.

Qualification

- Ph.d Zoology in physiology, Faculty of Science, January 1995.
- M.Sc Zoology in Physiology, Faculty of Science, December 1988.
- B.Sc. Zoology with Grade Excellent, Faculty of Science, Alexandria University 1983.

Thesis Published

M.Sc Thesis Effect of sex hormones on lipid metabolism in Rats.

Ph.d Thesis Pancreatic β cell function and its relation to lipoprotein profiles in Type I diabetes.

Appointments

2016 till present professor of Physiology MRI. Alexandria University

2006-2015 Assistant professor of Physiology MRI. Alexandria University

1995-2006 Lecturer of Physiology MRI Alexandria University

1988-1994 Assistant lecturer of Physiology. MRI, Alexandria University

1983-1988 Demonstration of physiology MRI, Alexandria University

Publications

- 1 - Amal M, Soliman, Maha M Attia, Kamal Mahmoud. Study of antioxidants defense system, lipid pattern and left ventricular geometry in hypertensive patients J MRI 1998; (1): 76-91.
- 2 - Nabil Mikhail, Mona Shehata, Maha M. Attia. Effect of Exposure of rats to low frequency electromagnetic field (E.M.F) on the RBC, Heart, Kidney, and liver J MRI 1998; 19(3) 13-22.
- 3 - Azza Saad Abdou, Maha M Attia. Role of Leptin in premenopausal and postmenopausal obese women. J MRI 1999; 20(2): 81-90.
- 4 - Amal F Allam, Maha M Attia. Effect of acute and chronic toxoprolactinemia on endocrine fetal-placental function in pregnant women. J MRI, 2002; 23 (3): 154-60.

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- 5 - Maha M. Attia, El-Sayed I Awad. Relationship between hyperprolactinemia and bone metabolic markers in breast cancer patients. Bull High Inst Public Health 2004; 34(4): 995-1004.
 - 6 - Afaf A. El-faras, Maha M Attia, Amel L El-sawaf, Zent A El-Kholi, Rania H Mohamed. The effect of garlic on Nitric oxide level in diabetic rats. Bull High Inst Public Health 2005; 35 (1): 113-26.
 - 7 - Afaf A El-Faras, Gamal A Amin, Maha M attia, Amel L El-Sawaf, Sally N Gabbour, Nabila G Ali, Omnia M Sakr. Glucose-dependent insulin-releasing peptide (GIP) in patients with type 2 diabetes mellitus with and without autonomic neuropathy. J of the Egypt Soc Endocrin Metab and Diab. 2006; 38 (1): 1-8.
 - 8 - Hoda Nour, Yosria El-Sayed, Maha M Attia, Amel L- El Sawaf, Samia M, Elewa. Role of oxytocin as regulator of leptin secretion and its relation to biochemical markers (OPG & sRANKL) of bone resorption and formation of bone resorption and formation. Bull Alex Fac Med 2006; 42 (1): 37-43.
 - 9 - Hoda Nour, Samia Ebaid, Mona Shehata, Amel el Sawaf, Maha M Attia. Dysfunction Nitric oxide and 8-epi-prostaglandin F_{2α} synthesis in healthy smokers. Bull High Inst Public Health. 2005; 35 (2): 291-302.
 - 10- Amal El sawaf, Maha M . Attia & Samia M.Elewa.Effect of recombinant growth hormone(Rh-GH) on glycerol induced acute renal failure (ARF) in rats.J . Egyp.Soc.Endocrin.,Metab.,&Diab2008;40(1):171-176
 - 11- Maha M. Attia & Ayat Elsarha. Modulatory effects of estrogen on ghrelin secretion in ovariectomized rats . Alex . Med. J. :51, 2009.

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- 12- Maha M .Attia, Bothaina F.Mahmoud & Mervet y .Hanafy . Association between ghrelin and bone metabolic markers in experimental hyperthyroidism Alex . Med. J. 2010 ;
 - 13- Azza Saad & Maha M . Attia (2011): Effects of exercise on central and peripheral cannabinoid receptor-1 in type 2 diabetic rats. .Egypt. J.Biomed.Sci.,37:127-144.
 - 14- Maha M. Attia, Samia M Elewa , Mona Yehya. Possible role of parathyroid hormone as a cardiovascular risk factor in experimental hyperprolactinemia. Alex . Med. J. 2012.
 - 15- Mona K. El Deeb ,Maha M. Attia, Amira H .Mohamed & Sherin M.Shawky . Possible role of retinol binding protein 4 (RBP4) in hepatic steatosis associated with hepatitis C virus. Alex . Med.J.2013;55(2)230-242.
 - 16- Samia Elewa & Maha M .Attia . Effect of experimental renal ischemia reperfusion injury on hypothalamic- pituitary - gonadal axis : Role of hypoxia inducible factor -1 α (HIF-1 α) .Med.J.Cairo Univ.,82(1):831-838, 2014.
 - 17- Maha M. Attia , Mamdouh El Yamani & Azza Saad . Relation between obestatin and metabolic dysfunction in rats subjected to partial sleep deprivation. Egypt J Biomed Sci 2014;45:225-38
 - 18- Maha M Attia . Effect of cigarette smoke exposure on kisspeptin levels in pubertal female rats : Role of vitamin D supplementation. Med.J.Cairo Univ.,-2015

- 19- Ola A Salama, Maha M Attia ,Mohamed A.S.Abdelrazek.
Modulatory effects of swimming exercise against malathion induced neurotoxicity in male and female rats. Pesticide Biochemistry and Physiology 2019;157:13-18
- 20- Eman Y.Khairy & Maha M. Attia (2021) Protective effects of vitamin D on neurophysiologic alterations in brain aging: role of brain-derived neurotrophic factor (BDNF), Nutritional Neuroscience,24:8,650-659,DOI:10.1080/1028415X.2019.1665854
- 21- Hebatallah Mohammed Aboudeya , Trez Nagy Michel, Maha Mostafa Attia, Azza Saad. Neuroprotective effect of Exercise on Alzheimer's disease in rats: Role of Nuclear Factor Erythroid 2-Related Factor 2 (NRF2). Bull. of Egyp.Soc. Physiol. Sci2021;41(3):1-13.

Training Courses

- Participate in giving lecture and preparatory courses for research workers (post graduates) in MRI, Alexandria University.

Scientific Meeting Attendance

- 1 - Conference of Medical Research Institute, (1996-1997).
- 2 - 2nd International Congress of Alexandria. Society of Endocrinology & obesity. 7th – 8th April, 1999. Sheraton Montaza Hotel, Alexandria.

- 3 - The Fifth Middle East conference on Recent Advances in the Management of cancer. 20th – 22nd of October 1999, Medical Research Institute, Alexandria University.
- 4 - 10th, 11th, 12th and 13th conference of Medical Research Institute (2003-2007).
- 5 - Symposium of the Egyptian association of advancement of Medical Basis Sciences (EAMBS). In Faculty of Medicine, Alexandria University, (2004-2013).
- 6 - The Annual scientific conference of the Egyptian group of Diabetes.
- 7- The second joint meeting of the Egyptian Association of Endocrinology and Obesity with the American Association of Clinical Endocrinologists with a poster presentation(23-25April2008).
- 8 - Annual conferences of Medical Research Institute (1988-2014).
- 9-The 3rdconference of Human physiology department, Medical Research Institute, Alexandria University.**(Recent advances in Aging)** on November2017
- 10- -The 5th Egyptian Congress of pediatric pulmonology on May 2018
- 11-The 6th Conference of Egyptian Society for Physiological Sciences ESPS and 2nd Conference of Human Physiology Department, Medical Research Institute, Alexandria University. **(Recent Advances in Obesity Research)** on November 2017
- 12-Attend in a workshope of spirometry in the Medical Research Institute,

Supervision of Thesis

Master Thesis: 4

Ph D Thesis 2

Experience

1 - Teaching Experiences:

i - Teach General Physiology (Endocrinology & metabolism).

2 - Research Experience:

ii - Endocrinology and metabolism.

Others :

- Course Co-ordinator of physiology elective courses for master students
- Member in the Egyptian Association of advancement of basic sciences (EAMBS).
- Supervision of weekly seminars and journal clubs in human physiology department
- Member in the control of the Medical Research Institute
- External examiner for 12 master thesis and 2 Ph D thesis