

Curriculum Vitae



The personal data

Name : Ahmed Desoky Badawy Desoky
Date of Birth : 13/8/1970 Place of Birth: Cairo
Nationality : Egyptian Religion: Muslim
Social status : Married + 3
Address : 130 City buildings Emtedad El Amal, Maadi, police building, flat 13.
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Current work : Head of Physiology Department - October 6 University

The scientific qualifications

- M.D. in Physiology, (2004), Cairo University.
- Master's degree in Physiology, (2001), Cairo University.
- Diploma Pediatric Medicine, (1999), Cairo University.
- M.B.B.ch, Faculty of Medicine, (December 1993), Cairo University.

Employment

- Head of Physiology Department October 6 University 2013 – till now.
- Professor of Physiology in October 6 University 2021.
- Assistant Professor of Physiology in October 6 University 2012 – 2020.
- Lecturer of Physiology in October 6 University 2004 – 2012.
- Assistant Lecturer of Physiology in October 6 University 2001–2004.
- Demonstrator of physiology in October 6 University 1997–2001.

About Physiology :

- Teaching for medical students in the new system (5+2) for the first, second and third year trying to corelate between basic science and clinical skills.
- Teaching for paramedical students in faculty of dentistry.
- Teaching for paramedical students in faculty of pharmacy.

- Teaching for paramedical students in faculty of physical therapy.
- Teaching for paramedical students in faculty of applied medical science.
- Teaching for paramedical students in faculty of nursing.
- Teaching for post graduate students in physiology, internal medicine, surgery, gyna and obstetric and ophthalmology.
- I have hand outs for medical students based on oxford and lippincot integrated books.
- I have books for paramedical students based on Ganong and Guyton text books of physiology.

Research work

- **Atrial Natriuretic Peptide, Heat Shock Protein 70 and c-FOS Modulate Estrogen Protective Effect on Cardiac Performance in Female Rats Subjected to Immobilization Stress.**
Published in Medical Journal of Cairo University Volume 78 (1) Year 2010 Page 165 – 172.
- **Molecular Mechanism of "Estrogen - Estrogen Receptor Subtype Alpha - Sterol Regulatory Element Binding Protein-2" Pathway for Regulating Hepatic Cholesterol Biosynthesis in Ovariectomized Female Rats.**
Published in Qasr al-Aini Medical Journal Volume 16 No. 3 Year 2010 Page 35 – 45.
- **The Possible Metabolic Effects of Aspartame in Normal And Diabetic Rats.**
Published in Journal of Clinical Azhar Volume 40 (1) Year 2011 Page 43 - 51.
- **Molecular Detection of Mutated Factor V (Leiden) and Factor XIII in Ischemic Heart Disease.**
Published in Bulletin Science Association physiological Volume No.31(1) Year 2011 Page 261-270
- **Effect of Some Anti-Inflammatory Drugs with and Without Antioxidant on Some Inflammatory Mediators in Diabetic Male Albino Rats.**
Published in Qasr al-Aini Medical Journal Volume No. 17 (3) Year 2011 Page 59 - 66.
- **Some Potential Biological Predictors of Hypertension in Obese Male Rats.**
Published in Journal of the Science of Life (International Journal) Vol. 8 (4), 2011, 171–176.
<http://www.lifesciencesite.com>
- **Effect of Mesenchymal Stem Cells (M.S.C.) On Gentamycin Drug-Induced Renal Failure in Male Albino Rats.**
Published in Journal of Clinical Azhar Volume 41 (1) Year 2012 Page 47 - 54.

- **Cardiac Expression of Sarcolipin & Calpain After Immobilization Stress in Young & Old Female Rats, Role of Alpha & Beta Adrenoceptor Blockers.**
Published in Qasr al-Aini Medical Journal Volume 18 (2) Year 2012 page 51-60.
- **Alteration of Sciatic Nerve Conduction Velocity in Rats Subjected to Immobilized Stress.**
Published in Al-Azhar Med. J. Vol. 46(2), April, 2017, 413-424.
- **The Role of Ghrelin and Pancreatic Polypeptides in Development of High Fat Diet (HFD) – Induced Obesity in Adult Albino Rats.**
Published in Al-Azhar Med. J. Vol. 46(2), April, 2017, 463-477.
- **Possible contribution of some adipokines on type II diabetes in obese and non-obese adult male rats.**
Published in Al-Azhar Med. J. Vol. 47(1), January, 2018, 139-148.
- **Effect of Coronary Reperfusion Therapy on Inflammatory Markers, Adiponectin and Insulin Resistance in Ischemic Patients.**
Published in Int. J. Med Health Sci. Vol-7, April, 2018, 53-60.
- **Fluctuation of Serum Apelin Level during Pregnancy.**
Published in AJMAH. Vol. 15(2), September, 2019.
- **The physiological relevance of thyroid hormone dysfunction in the modulation of white blood cell count and immune function in adult male albino rats.**
Accepted in BENHA Med. J. December, 2019.
- **Effect of Proton Pump Inhibitors, Vitamin E and their co-administration on heart function and Oxidative Changes in Isoprenaline Induced Myocardial Infarction in Adult Male Albino Rats.**
Accepted in BENHA Med. J. February, 2020.
- **Active form of vitamin D analogue mitigates neurodegenerative changes in Alzheimer's disease in rats by targeting Keap1/Nrf2 and MAPK-38p/ERK signaling pathways.**
Published in Steroids 156 (2020) 108586, April.
- **Co Q10 improves vascular reactivity in male diabetic rats by enhancing insulin sensitivity and antioxidant effect**
Published in Archives of Physiology and Biochemistry.
The Journal of Metabolic Diseases. Published online : 28 July 2020.

Supervisor of thesis

- **Alteration of Sciatic Nerve Conduction Velocity in Rats Subjected to Immobilized Stress. (Master Degree)**
- **Possible contribution of some adipokines on type II diabetes in obese and non-obese adult male rats. (Medical Degree)**
- **Effect of Proton Pump Inhibitors, Vitamin E and their co-administration on heart function and Oxidative Changes in Isoprenaline Induced Myocardial Infarction in Adult Male Albino Rats. (Master Degree)**
- **Modulatory Effects of Ovarian Sex Hormones on the Experimentally Induced Irritable Bowel Syndrome in an Ovariectomized rat model. (Master Degree)**
- **Role of 17-B estradiol and Ramipril in RANKL pathway in a rat model of post-menopausal osteoporosis. (Medical Degree)**
- **Effect of L-carnitine on Cisplatin induced neuropathy and nephropathy in male albino rats. (Medical Degree)**

Other activities:

- **Head of the fifth year control since 2012**
- **College youth leader since 2008**
- **Member of disaster and crisis committee**
- **Organizer of annual student conference**
- **Organizer of graduation party**
- **Head of graduation committee**
- **Participating in quality unit**
- **Head of the technical office of the dean of faculty of medicine**