

C.V.



Name: Heba Hassan Abd ELgawad Elkaliny

Date & Place of Birth: 1-10-1982 Elmahala Elkobra- Gharbia-Egypt.

Nationality: Egyptian

Marital Status: Married

- Spouse: Dr. Ahmed Makram Ammar. - Children: 2

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Degrees:

M.B.Ch.B: Bachelor of Medicine and Surgery may 2005, Excellent estimate Honours, Faculty of Medicine -Tanta University, Egypt.

Master: M.Sc. in Histology: 2010 Faculty of Medicine, Tanta University, Egypt.

Title of Thesis: **Some histological studies of the effect of acrylamide on the testis of adult albino rats.**

M. D. in Histology: 2015 Faculty of Medicine, Tanta University, Egypt.

Title of Thesis: **Isolation, Culture, and Histological Characterization of Normal Human Epidermal Melanocytes.**

Present appointment: Associate professor of Histology Faculty of Medicine, Tanta University, Egypt.

Present appointment: Associate professor of Histology, department of Anatomy, Histology & Embryology. Faculty of Medicine, Mutah University, Jordan.

Past appointment:

Internship: 1 year from 1/3/2006 to 28/2/2007 Tanta University Hospital Egypt.

General practitioner: (2months) from 3/2007 to 5/2007

Demonstrator: In Histology department Faculty of Medicine, Tanta University, Egypt. From 2007 to 2010.

Assistant lecturer: in Histology department Faculty of Medicine, Tanta University, Egypt. From 2010 to 2015

Lecturer: in Histology department Faculty of Medicine, Tanta University, Egypt. From 10/2015 till 12/2021

Associate professor: in Histology department Faculty of Medicine, Tanta University, Egypt. From 12/2021 till now

Published papers:

- 1- Some histological studies of the effect of acrylamide on the testis of adult albino rats.
- 2- Histological study of the effect of paclitaxel (taxol) on sciatic nerve and the possible protective role of propolis in adult male albino rats (histological, immunological & ultrastructural study).
- 3- Platelet-rich plasma enhances recovery of skeletal muscle atrophy in a rat model of immobilization stress.
- 4- Effect of Juvenile Obesity on the Islets of Langerhans in Rat and the Possibility of Recovery at Adulthood: A Histological and Immunohistochemical Study
- 5- Histological study of the effect of Hydroxychloroquine sulphate on the retina and the possible protective role of propolis in adult male albino rats.
- 6- Evaluation of bone regeneration using human derived-gingival mesenchymal stem cells loaded on beta tricalcium phosphate and hyaluronic acid: an experimental study.
- 7- Effect of Bone Marrow-Derived Mesenchymal Stem Cells on the Hippocampal CA1 Area of Aluminium Chloride-Induced Alzheimer's disease in Adult Male Albino Rat: A Histological and Immunohistochemical Study.
- 8- Histological study of the effect of hydroxychloroquine sulfate on the retina and the possible protective role of propolis in adult male albino rats

International published papers:

- 1-Metformin ameliorated methotrexate-induced hepatorenal toxicity in rats in addition to its antitumor activity: two birds with one stone.
- 2- Oxidative stress mediated apoptotic potential of mefloquine on experimental trichinellosis.
- 3- The possible protective effect of apple cider vinegar on mercuric chloride-induced changes on rat hepatocytes: Immunohistochemical and ultrastructure study.
- 4- Lycopene ameliorates the effect of Aroclor 1254 on morphology, proliferation, and angiogenesis of the thyroid gland in rat
- 5- Niosomal versus nano-crystalline ivermectin against different stages of *Trichinella spiralis* infection in mice.
- 6- Direct and indirect antiparasitic effect of chloroquine against the virulent RH strain of *Toxoplasma gondii*: An experimental study.
- 7- Comparative Histological Study of Therapeutic Effect of Mesenchymal Stem Cells Versus Mesenchymal Stem Cells Co-Cultured with Liver Tissue on Carbon Tetrachloride Induced Hepatotoxicity in Adult Male Albino Rat.

- 8- Pyroptosis Tuning in Intestinal Cryptosporidiosis via the Natural Histone Deacetylase Inhibitor Romidepsin.
- 9- The Possible Protective Effect of Taurine on Bisphenol: Induced Structural Changes on the Cerebral Cortex of Rats: Histological and Immunohistochemical Study.

Attendance of workshops:

- 1-Electron microscopy: Uses and applications workshop in Faculty of Medicine, Tanta University, Egypt. 2/2010.
- 2-Stem cells: Isolation& Ex-vivo differentiation workshop in collaboration with the Egyptian society of hematology, 6/2010.
- 3- Electron microscopy: Principles and techniques workshop in Faculty of Medicine.Tanta University, Egypt 2015
- 4- Basic protocols in cell culture workshop in Faculty of Medicine, Tanta University, Egypt 2017.
- 5- Tissue culture workshop in Faculty of Medicine, Tanta University, Egypt 2018.
- 5- Basic protocols in cell culture (umbilical cord) workshop in Faculty of Medicine, Ain Shams University, Egypt 2019.
- 6- Training of trainers (TOT) Diploma, National training center, Ministry of Trade& Industry, Cairo centre for human resources development, Egypt 2024

Sessions of the scientific and educational workshops:

- The international center for faculty and leadership development (IFLD):
 - * Effective communication skills course. *Turn thinking skills.
 - * Quality standards in teaching * Effective presentation skills course.
 - * Cycle time management and work pressures.
 - * University administration * Code of ethics * Programs and course design
 - * Teaching session to small &large group. * Role in modern system of examinations
 - * Ethics of Scientific Research * Scientific Publishing
- Instructor in competency based curriculum, 18 workshops (50 hours), 2017, faculty of medicine, Tanta University.
- **Working in medical competency based curriculum at Tanta University from 2018-2023**
- **Teaching several courses in a problem based learning curriculum:**
 - Principles of histology
 - Host defense - Special sense
 - Endocrinology& reproductive system
 - Medical genetics

Attendance of conferences:

- 1- 23rd annual congress of Tanta University on obesity and human health, 19th-21st march 2008.
- 2- 32nd scientific conference of the Egyptian society of histology and cytology, Zagazig University, 25th December 2008.
- 3- 24th annual congress of Tanta University on geriatrics health and protection, 10th- 12th march 2009.
- 4- The second international congress of progenitor cell research, Cairo University, 12th -13th june 2010.
- 5- The 25th annual congress of Tanta University, 2010.
- 6- 35th scientific conference of the Egyptian society of histology and cytology, Ain shams University, 29th December 2011.
- 7- 27th annual congress of Tanta University on revolution and medicine, 2012.
- 8- 40th scientific conference of the Egyptian society of histology and cytology, Kafrelshikh University, 29th December 2016.
- 9- 31th,32th,33th annual congress of Tanta University, 1- 4march 2016,2017,2018,2019,2020.
- 10-1st Tanta international medical education conference on innovation in medical education, faculty of medicine, Tanta university, 17th- 21th September 2017.
- 11- 42th scientific conference of the Egyptian society of histology and cytology, Research center, December 2019.
- 12- 43th scientific conference of the Egyptian society of histology and cytology, online, December 2020.
- 13- 43th scientific conference of the Egyptian society of histology and cytology, December 2021.
- 14- 37th annual congress of advanced intelligence: present and future. Faculty of medicine, Tanta university. July 2022.