

CURRICULUM VITAE

Nahla Mohamed Reda Nabih Sarhan

Associate professor of Medical Histology and Cell Biology,
Faculty of medicine
Mansoura University
Egypt.

Personal information:

Name: Nahla Mohamed Reda Nabih Sarhan

Nationality: Egyptian

Gender: Female

Birth date: August, 19th, 1979

Marital status: Married

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Languages skills

- 1. Arabic:** Mother tongue.
- 2. English:** Very good.
- 3. French:** Fair.

Computer skills

Efficient ability of using **Microsoft Office**

Present position:

Associate professor of Medical Histology and Cell Biology, faculty of Medicine, Mansoura University (Since September 2018).

Qualifications:

1. M.B.B.CH:

Bachelor of Medicine and Surgery: Nov.2002, Faculty of Medicine, Mansoura University. Grade: excellent.

2. M.Sc:

M.Sc. in Histology and Cell Biology: Nov. 2007, Mansoura University.

First part

Embryology, General and special topics.

Master thesis

"Light and Electron Microscopic Study of the Albino Rat Seminal Vesicles during Postnatal Development".

Discussion of the thesis was in May 2007, it was accepted with excellent degree.

Second part

- Cell biology and Genetics
- General Histology
- Special Histology

3. PhD.:

First part:

- Electron microscopy
- Cell biology and Genetics

Doctoral thesis:

"Histological Study of 5-Fluorouracil-induced Small Intestinal Damage in Rats and the Possible Protective Effect of Omega-3 Fatty Acids"

Discussion of the thesis was in November 2012, it was accepted with excellent degree.

Second Part

- General Histology
- Special Histology

Academic and administration positions:

- 1) Rotating internship, Mansoura University hospitals 2003-2004 (12 months).
- 2) Demonstrator of Medical Histology and Cell Biology, Faculty of medicine, Mansoura University (2004 –2008).
- 3) Assistant Lecturer of Medical Histology and Cell Biology, Faculty of medicine, Mansoura University (2008 –2012).
- 4) Lecturer of Medical Histology and Cell Biology, Faculty of medicine, Mansoura University (2012 –2018).

Memberships:

In the Egyptian Society of Histology and Cell Biology

Teaching experiences:

- Teaching of Histology and Cell biology to students of the first and second class in Faculty of medicine- Mansoura University (Academic and clinical slide examination)
- Teaching of Histology and Cell biology to students of semester 1 Mansoura-Manchester program- Faculty of Medicine,

Mansoura University.

- Teaching of Histology and Cell biology to students of the first class in Faculty of Pharmacy- Mansoura University. (Academic and clinical slide examination)
- Teaching of Histology and Cell biology to students of the second semester in Faculty of Clinical Pharmacy- Mansoura University (Academic and clinical slide examination)
- Teaching of Histology and Cell biology to students of level 1 and 2 in Faculty of Medicine, Level1 in Faculty of Dentistry , Pharmacy and Physical therapy- Horus University- Egypt
- Teaching of Microscopy and Cell Biology for master and PhD graduate students

Professional Skills:

1. Processing of specimens.
2. Preparation of semithin and ultrathin sections.
3. Examination of ultrathin sections by (TEM) transmission electron microscope.
4. Preparation of slides for first- and second-year students of Faculty of Medicine- Mansoura University

Faculty and Leadership Development (FLDP) Training Courses

Mansoura University:

- Effective teaching skills program
- Code of Ethics program
- Communication skills program
- Research Ethics program
- Presentation Skills program
- Quality standards in the Education Process program
- Use of Technology in teaching program
- Credit hours system program
- Legal and Financial Aspects of the University Environment program
- Managing Time and meetings program
- University Management program
- Managing Research Teams program

- Applying Academic Standards for Educational Program
- Preparation and Design of Electronic Tests program
- Design the Personal websites for Faculty Members program.
- Statistical Analysis Skills program.
- Design and production of electronic courses
- Combating corruption and its definition
- Design and production of electronic courses

Supervision of postgraduate students

1. Master thesis entitled

Histological and immunohistochemical study of a rat model of myocardial infarction with special reference to the role of telocytes and the effect of grape seed extract

Student: Mai Salah Nour (discussed)

2. Master thesis entitled

Impact of Allium Sativum on Nonylphenol Induced changes of Prepubertal Female Albino Rat. A Histological and Immunohistochemical Study

Student: Nora Mohamed Saad Hamada (discussed)

3. Master thesis entitled

Effect of chronic exposure to chlorpyrifos on thyroid gland of adult male albino rat and the possible protective role of propolis extract: light and electron microscopic study

Student: Abrar Al-Hussein Mohamed Ahmed (discussed)

4. Doctoral thesis entitled

Neuroprotective Effect of Gabapentine on Induced Diabetic Retinal Changes in Albino Rats A histological and Immunohistochemical Study

Student: Asmaa Mahmoud Mohamed ELhoseiny

5. Doctoral thesis entitled

Influence of hesperidin on a chemotherapeutically damaged submandibular salivary gland model in adult male albino rats, through expression of c-Kit as a stem cell factor (Histological and immunohistochemical study) (Discussed)

Student: Olaa Abd El-Latif Mohamed

6. Doctoral thesis entitled

Effect of Thymoquinone and Intermittent Fasting on Hippocampal Neurogenesis and Neuronal Autophagy in a Rat Model of Alzheimer's Disease: Histological, Immunohistochemical and Biochemical Study.

Student: Reem Abdelsalam

Published papers:

1- Gawish SAA, Nosseir DA, Omar NM, Sarhan NMR (2013). Histological and ultrastructural study of 5-fluorouracil-induced small intestinal mucosal damage in rats (2013). Asian Journal of Cell Biology; 8 (1):1-21.

2 – Gawish SAA, Nosseir DA, Omar NM, Sarhan NMR (2013). Protective Effect of Omega-3 Fatty Acids on 5-Fluorouracil-induced Small Intestinal Damage in Rats: Histological and Histomorphometric Study. Trends in Medical Research; 8 (2): 36-62.

3- Arafat EAG, Sarhan NR (2015). Histological and immunohistochemical study of postnatal skin development in rats following induction of maternal hypothyroidism (2015). The Egyptian Journal of Histology; 38 (3): 528-539.

4- Omar NM, Sarhan NR (2017). The possible protective role of pumpkin seed oil in an animal model of acid aspiration pneumonia: Light and electron microscopic study. Acta Histochemica; 19 (2):161–171.

5- El-Hawwary AA, Sarhan NR (2017). Does Olive Oil Attenuate Ciprofloxacin-Induced Renal Cortical Toxicity? Light and Electron microscopic study. The Egyptian Journal of Histology; 40 (2) 253–264.

- 6- Nour MS, Sarhan NR, Mazroa SA, Gawish SA (2017). Histological and immunohistochemical study of cardiac telocytes in a rat model of isoproterenol-induced myocardial infarction with a reference to the effect of grape seed extract. *Acta Histochemica*; 119 (7): 747–758.
- 7- Mohamed IN, Sarhan NR, Eladl MA, El-Remessy AB, El-Sherbiny M (2018). Deletion of Thioredoxin-interacting protein ameliorates high fat diet induced non-alcoholic steatohepatitis through modulation of Toll-like receptor 2-NLRP3-inflammasome axis: Histological and immunohistochemical study. *Acta Histochemica*; 120 (3):242–252.
- 8- Omar NM, Sarhan NR (2018). An immunohistochemical and ultrastructural analysis of the retina in tadalafil (Cialis) treated rats. *Acta Histochemica*; 120 (4): 312-322.
- 9- Sarhan NR (2018). The ameliorating Effect of sodium selenite on the histological changes and expression of caspase-3 in the testis of monosodium glutamate treated rats: Light and electron microscopic study. *Journal of Microscopy and Ultrastructure*.
- 10- Sarhan NR, Taalab YM (2018). Oxidative stress/PERK/apoptotic pathways interaction contribute to tramadol neurotoxicity in rat cerebral and cerebellar cortex and thyme enhances the antioxidant defense system: Histological, immunohistochemical and ultrastructural study. *International Journal of Scientific Reports*; 4 (6): 124-141.
- 11- Firgany AEL, Sarhan NR (2020). Quercetin mitigates monosodium glutamate-induced excitotoxicity of the spinal cord motoneurons in aged rats via p38 MAPK inhibition. *Acta Histochemica* 122 (5): 151554: 1-10
- 12- Yahia OA, Asker SA, Hamed WS, Hasanin NA, Sarhan NR (2022). Hesperidin alleviates cisplatin-induced impairment in adult male albino rat's submandibular gland through activation of secretory complex stem cells (Histological, immunohistochemical and biochemical study). *Egyptian Journal of Histology*. Accepted for publication.

13- Sarhan NR, ElNashar EM, Hamza E, El-Beah SM, Alghamdi MA, Al-Khater KM, Aldahhan RA, Abul-Ela ES (2023). Nuclear factor erythrogen-2 associated factor 2 (Nrf2) signaling is an essential molecular pathway for the anti-aging effect of whey protein in the prefrontal cortex of aging rat model (Histological and Biochemical Study). *Tissue and cell* 8: 102192: 1-15

Conferences, courses and workshops

- The 34th Scientific Conference of The Egyptian Society of Histology and Cytology, Faculty of Medicine, Menoufiya University. 30th December, 2010.

-The 35th Scientific Conference of The Egyptian Society of Histology and Cytology, Faculty of Medicine, Cairo University. December, 2011.

- Course entitled “Isolation, Expansion, characterization & Cryopreservation of different types of stem cells from different sources”, Medical Experimental Research Center, Faculty of medicine, Mansoura University. 22th - 24th October, 2013.

- Workshop entitled “apoptosis assay methods”, The 20th International Conference of The Egyptian Society for Medical Microbiology in Collaboration with Medical Microbiology and Immunology Department, Faculty of medicine, Mansoura University. 27th-28th February, 2014.

-The 37th Scientific Conference of The Egyptian Society of Histology and Cytology, Faculty of Medicine, Alexandria University. 12th December, 2013.

-Work shop entitled “e- Learning”, The Egyptian Society of Histology and Cytology, Dar EL Diafa, Ain- Shams University. 22th March, 2014.

- The 38th Scientific Conference of The Egyptian Society of Histology and Cytology, Faculty of Medicine, Ain- Shams University. 25th December, 2014.

- Workshop entitled (Clinical Pathology Update), Clinical Pathology Department; Scientific week, Faculty of medicine, Mansoura University. 26th – 29th April, 2015.

- Annual Conference of Mansoura Faculty of Medicine entitled “New trends in accreditation of medical schools”. 16th November, 2016.

- The 40th Annual International Conference of Egyptian Society of Histology and Cytology, Faculty of Medicine, Kafrelsheikh University. 29th December, 2016.

- The 41st Annual International Conference of Medical Histology and Cell Biology entitled “Regenerative medicine & cell transplantation”, Faculty of Medicine, Cairo University. 28th December, 2017.

- The 42nd Scientific Conference of the Egyptian Society of Histology And Cytology “Nanoparticles: Benefits and Hazards”, Ain Shams University. 27th, December, 2018.

- A workshop entitled How to write a good multiple choice test question. Measurement and evaluation unit, Faculty of Medicine, Mansoura University 11th May 2022.