

CURRICULUM VITAE



Sohair Abdelbaky Mohamed Eltony: Studied at Faculty of Medicine - Assiut University. Bachelor of Medicine and Surgery (1994). Intern (1996) and resident doctor (1997) at department of Pediatrics, Assiut University Hospitals. MSc (2000), PhD (2005), Associate Professor (2011), Full Professor (2017) at Histology and Cell Biology department, Faculty of Medicine, Assiut University, Egypt.

Head of Histology and Cell Biology department, Faculty of Medicine, Assiut University, Egypt (since October 2019).

E-Mail: sohair_eltony@yahoo.com

or abdelbakysohair@yahoo.com

sohair@aun.edu.eg

Tel: (002) 01001031153

Google Scholar Link:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=s4Jf0o0AAAAJ

ORCID:

<https://orcid.org/0000-0003-2710-0565>

SCOPUS ID:

<https://www.scopus.com/authid/detail.uri?authorId=37064221000>

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TEACHING EXPERIENCE:

Undergraduate courses: General histology, cytology, special histology for medical, dentistry and pharmacy students.

Postgraduate courses: Lectures on histochemistry and micro techniques for Histology master's degree 1st part & for Histology MD degree.

Lectures on cytology for Histology master's degree 2nd part.

Lectures on cytology, general histology and special histology for Chest master's degree 1st part.

PROFESSIONAL MEMBERSHIP:

- Arbitrator in the promotion committees for professors and assistant professors thirteenth session (2019-2022).
- A member of the Egyptian Society of Histology and Cytology.
- A member in World Medical Collaboration & Consultation Union (WMCCU).
- A quality coordinator member for Histology MD degree in Faculty of Medicine, Assiut University, Egypt.
- Sharing in revision of some research projects that need funding from Faculty of Medicine, Assiut University, Egypt.
- A reviewer in Graduate Studies and Research Committee, Faculty of Medicine, Assiut University, Egypt.
- A reviewer in J. of Intercultural Ethnopharmacology.
- A reviewer in J. of Veterinary World.
- A reviewer in J. of Complementary Medicine Research.
- A reviewer in J. of Biotechnic and Histochemistry.
- A reviewer in J. of Acta Histochemica.
- A reviewer in Neurology Research International J.
- A reviewer in International Journal of One Health.
- A reviewer in J of Fundamental & Clinical pharmacology.
- A reviewer in J of Biochemistry and Physiology.

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- A reviewer in International Invention Journal of Medicine and Medical Sciences (IJMMS).
- An editorial board member in "Histology, Cytology and Embryology Journal".
- An editorial board member in "Current Updates in Aging Journal".
- An editorial board member in "ES Journal of Clinical Medicine".
- An editorial board member in Alzheimer's, Dementia & Cognitive Neurology (ADCN) Journal".
- An editorial board member in "SRL Neurooncology and Brain Tumors journal".

RESEARCH TRENDS:

*Major concern has been paid to basic research that may lead to possible / definite improvement in health services and decreasing disabilities, morbidity and mortality.

*Studying the state of oxidative stress and the possible effect of natural antioxidant therapy in combating this state.

SKILLS:

- Computer skills.
- Good use of transmission and scanning electron microscopy.
- Good experience in designing experimental and clinical trials in laboratory animals.
- E-Learning and Skills of Good Presentation.
- Sharing in editing books:
 - * Handouts of medical students (Part I and II).
 - * Handouts of medical Histology for Pharmacy Students.
 - * Handouts of medical Histology for Dentistry Students.

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TRAINING ACTIVITIES:

- Training course in electron microscope TEM, SEM, Faculty of Medicine, Assiut University.
- Training program of computer Skills including (Typing- Basic Concept of IT- Using Computer and Managing Files-Word Processing- Spreadsheets- Introduction to PC Maintenance and Protection-Presentation-Database- Information and Communication- Graphics- Adobe Photoshop).
- Training program in Exams and Student Assessment, September 2007, Faculty and Leadership development center, Assuit University.
- Training program in Quality assurance teaching process, September 2007, Faculty and Leadership development center, Assuit University.
- Training Program in Scientific Publication, Jan, 2008, Faculty and Leadership development center, Assiut University.
- Training Program in Scientific research in the medical field, Jan. 2008, Faculty and Leadership development center, Assiut University.
- Training Program in Communication skills in different patterns Education. Jan. 2008, Faculty and Leadership development center, Assiut University.
- Training Program in Science Ethics Guide, May 2009, Faculty and Leadership development center, Assiut University.
- Training Program in How to compete for a research fund, May 2009, Faculty and Leadership development center, Assiut University.
- Training Program in Management of research team, May 2011, Faculty and Leadership development center, Assiut University.
- Training program in Reaearch Ethics, January 2013, Faculty and Leadership development center, Assuit University.
- Training program in Quality Standards in Teaching" 2", February 2014, Faculty and Leadership development center, Assuit University.
- Training program in Effective Presentation, February 2014, Faculty and Leadership development center, Assuit University.

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- Training program in Credit Hour System, March 2014, Faculty and Leadership development center, Assuit University.
- Training program in E- Learning, March 2014, Faculty and Leadership development center, Assuit University.
- Training program in University Administration, March 2014, Faculty and Leadership development center, Assuit University.
- Measurement and evaluation methods and question banks, 9 May 2021, Online.

ATTENDED CONFERENCES:

Local conferences

- December 2006: the 30 conference of the Egyptian society of Histology and Cytology, International center, Cairo, Egypt.
- March 2007: the 25th Annual Conference of the Faculty of Medicine, Assiut, Egypt.
- December 2007: the 31st conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Cairo University, Egypt.
- March 2008: the 26th Annual Conference of the Faculty of Medicine, Assiut, Egypt.
- December 2008: the 3rd conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Zagazig University, Egypt. **(Poster)**.
- March 2009: the 27th Annual Conference of the Faculty of Medicine, Assiut, Egypt.
- December 2009: the 33rd conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Mansoura University, Egypt.
- December 2010: the 34th conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Menofia University, Egypt. **(Poster)**.
- March 2010: the 28th Annual Conference of the Faculty of Medicine, Assiut, Egypt.

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- December 2011: the 35th conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Ain Shams University, Egypt.
- December 2012: the 29th Annual Conference of the Faculty of Medicine, Assiut University, Egypt.
- December 2012: the 36th conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Cairo University, Egypt.
- December 2013: the 37th conference of the Egyptian society of Histology and Cytology, Faculty of Medicine, Alexandria University, Egypt.
- April 2014: the 30th Annual Conference of the Faculty of Medicine, Assiut University, Egypt.
- December 2014: the 38th Scientific Conference of Egyptian society of Histology and Cytology, Ain Shams University.
- December 2015: the 39th International Conference of Egyptian society of Histology and Cytology, Faculty of Medicine, Tissue Culture and Molecular Biology Center (Stem Cell Unit), Assiut University, Egypt.
- December 2016: the 40th Annual International Conference of Histology & Cytology (Evaluation of Stem Cell Therapy in Cardiac Diseases], Kafrelsheikh university, Egypt **(Poster and oral presentations)**.
- Online webinar. How to select the right journal to submit your manuscript. September 2020.
- Online webinar. Logical scientific manuscript structure. January 2021.

International conferences

- Joint meeting of Anatomical Societies- Uludağ University. Bursa- Turkey. May 2011 **(Two posters)**.
- XV ISAH International Congress on Animal Hygiene. Vienna. July 2011. **(Poster)**.
- Target Meeting- TM's 2nd Aging Online Symposium. July 23, 2012. **(Oral presentation)**. **Title:** "The role of herbal medicine in ameliorating some of the structural aging manifestations".

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- 1st International Conference on Advances in the Management of Diabetes and its Complications. April 9-10, 2014. College of Medicine, Aljouf University. Sakaka- Aljouf, Kingdom of Saudi Arabia.

PUBLICATIONS:

Papers:

1- Retinoic Acid Administration during Gestation Influence Postnatal Development of Rat Olfactory System. Manal M. Shehata, Sana A. Elgayar and Sohair A. Eltony

Assiut Faculty of Medicine 23rd Annual Conference. 7- 10, March, 2005.

2- Postnatal Differentiation of the Female Cat Olfactory Epithelium

Sohair A. Eltony and Eman A. Abdelrahinm. The Official Journal of Al- Azhar, Faculty of Medicine, Assiut. Vol. 6, N.2, April, 2008.

3- A Comparative Study of the Harderian Gland in the Female Rat and Female Rabbit (A histological, histochemical, scanning electron microscopic and morphometric study)

Sohair A.M. Eltony. Egypt. J. Histol. Vol. 32, No.1, June, 2009: 46- 65.

4- Histological Study on the Effect of Low Level Perinatal Lead Exposure on the Cerebellar Cortex of Adult Male Albino Rat. Sohair A. Eltony, Manal A. Othman and Aml A. Mohamed. Egypt. J. Histol, 33 (4), Dec (2010), Pages 781-797.

5- Effect of Shark Liver Oil on the Liver of Rats Fed High Cholesterol Diet

(A Histological, Histochemical and Immunohistochemical Study). Sohair A.M. Eltony. Proceeding of the 34th Scientific Conference of the Egyptian Society of Histology and Cytology. December 2010.

6- Morphology of the Non-Sensory Tissue Components in Rat Aging Vomeronasal Organ

S. A. Eltony and S. A. Elgayar. Anatomia Histologia Embryologia. (2011) 40: 263–277.

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7- Postnatal Development of the Hippocampal Formation in Male Albino Rats (Histological, Immunohistochemical and Morphometric Studies). Eman A. Abdelrahim and Sohair A. Eltony. The Egyptian Journal of Histology (2011), June, 34 (2): 346- 363.

8- Morphology of Non- Sensory Epithelium in Developing Rabbit Vomeronasal Organ.

Sanaa AM Elgayar, Sohair A Eltony and Manal A Othman. Joint Meeting of Anatomical Societies Conference- Bursa- Turkey, May 2011

The Abstract published in International J. of Experimental and Clinical Anatomy. P.83

The article published in Anatomia Histologia Embryologia. (2014) Aug;43(4):282-93.

9- Effect of Green Tea on Age-Related Histological Changes in Thin Skin of Female Albino Rat. Sohair A Eltony, Safaa A Abdel-Maksoud and Safaa S Ali. Joint Meeting of Anatomical Societies Conference- Bursa- Turkey, May 2011

The Abstract published in International J. of Experimental and Clinical Anatomy. P.84-85.

10- Histological Study on Effect of Nigella sativa on the aged olfactory system of female albino rat. Sohair A Eltony and Sanaa AM Elgayar. XV ISAH International Congress on Animal Hygiene., Vienna, Austria. July. 2011. The Abstract published in the Congress Proceeding.

The article published in Romanian Journal of Morphology & Embryology. (2014) 55(2):325–334.

11- Effect of maternal nicotine/thiocyanate exposure during gestational period upon pituitary, thyroid and parathyroid function/morphology of 1-month-old rat offspring. J Endocrinol Invest (2014) 37:455–465. A. M. Abdelhafez , S. A. Eltony, S. Y. Abdelhameed, S. A. Elgayar.

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12. Genistein Treatment Confers Protection against Gliopathy and Vasculopathy of the Diabetic Retina in Rats. Elgayar SA, Eltony SA, Sayed AA, Abdel-Rouf MM. Ultrastructural Pathology Vol. 39 No. 6 August 2015 p: 385-394.

13. Protective effect of substituted biguanidine on rat diabetic nephropathy– histological study. Sohair A. Eltony, Sanaa A.M. Elgayar, Shaaban K. Mohamed. Eur. J. Anat. Vol 19 No. 4 September 2015 p: 371– 379.

14. Effect of All-Trans Retinoic Acid on the Pancreas of Streptozotocin- Induced Diabetic Rat. Eltony SA, Elmottaleb NA, Gomaa AM, Anwar MM, El-Metwally TH. The Anatomical Record Vol. 299 No. 3 March 2016 p: 334-351.

15. Histological study on the protective role of vitamin B complex on the cerebellum of diabetic rat. Sohair A Eltony. Tissue and Cell Vol. 48 No. 4 Aug 2016 p: 283–296.

16. Histological Study on the Effect of nicotine on Adult Male Guinea Pig Thin Skin. Sohair A Eltony and Safaa S Ali. The 40th Annual International Conference of Histology & Cytology (Evaluation of Stem Cell Therapy in Cardiac Diseases), Kafrelsheikh university, Egypt. December 2016. The Abstract published in the Congress Proceeding. The article published in Anatomy & cell biology 50 (3), 187-199.

17. Effect of chronic administration of Sildenafil Citrate (Viagra) on the Histology of the Retina and Optic Nerve of Adult Male Rat. Sohair A. Eltony and Sally Y. Abdelhameed. The 40th Annual International Conference of Histology & Cytology (Evaluation of Stem Cell Therapy in Cardiac Diseases), Kafrelsheikh university, Egypt. December 2016. The Abstract published in the Congress Proceeding.

The article published in Tissue & Cell J. 2017 49(2 Pt B):323-335.

18. Protective effect of vitamin B complex in diabetic peripheral neuropathy - Histopathological study. Sanaa A.M. Elgayar , Sohair A. Eltony , A. A. Sayed , Asmaa Y.A. Abbas. Eur. J. Anat. , vol 21 no 3, 173-187 , 2017.

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19. "CNS Glia: From Passive Glue to Excitable Cells. Sohair AM Eltony and Sanaa AM Elgayar. EC Neurology , 7.4 , 129-150, 8, 2017.

20. Effect of acute pentylenetetrazol injection induced epileptic seizures on rat dentate gyrus at different postnatal ages. Mohamed HK, Eltony SA. Anat Cell Biol. 2020 Mar;53(1):84-94. doi: 10.5115/acb.19.083. Epub 2020 Feb 3.

21. Metformin treatment confers protection of the optic nerve following photoreceptor degeneration. Sohair A Eltony , Heba S Mohaseb , Manal M Sayed , Amel A Ahmed. Anat Cell Biol. 2021 Jun 30;54(2):249-258. doi: 10.5115/acb.20.320.

Books:

Retinoic acid effect on postnatal development of rat olfactory system (A histological & histochemical study). ISBN: 978-3-659-87236-5. Lap Lambert Academic Publishing. Deutschland/ Germany. 2016.

Supervision of:

1- **A review article** submitted for master's degree in Histology (Enteric nervous system).

2-Thesis:

(MSc)

1- Histological features of the cardiac glands at different ages in female albino rats.

2- Protective effect of vitamin B complex in diabetic peripheral neuropathy. A

Histological study.

3- Can metformin modulate the retinal degenerative changes in a rat model of retinitis pigmentosa?

(PhD)

1- The Effect of green tea polyphenols on the thin skin of the aged female albino rat (Light and Electron microscopic study).

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2- Effect of retinoic acid on type 1 diabetes: streptozotocin induced rat model.

3- Role of Genistein versus a novel Antiglycating agent in Ameliorating Diabetic Retinopathy Induced in Rat (A Histological study).

Research Interest: Histology, Cell Biology, Structure, Morphology, Neurocytology.