



AMAL ELHAM FARES

Assistance professor of histology

PROFILE

Assistance professor of Medical Histology and Cell Biology with more than 15 years' experience in Teaching Histology for national and foreigner undergraduate and postgraduate medical students including Cytology, General, Special Histology and Neurohistology. A scientific researcher with more than 8 international publications

CONTACT

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RESIDENCE:

Zahraa El Maadi Cairo

LANGUAGES

Arabic: Native
English: Very Good
(TOEFL score (560 marks)

SOFTWARE SKILLS

MS Office

PERSONAL INTERESTS

Reading, Writing & Cooking.

Assistance professor, Histology Department, Faculty of Medicine, Cairo University (2022- present)

Histology Department, Faculty of Medicine, Cairo University (Lecturer)
(September 2015 – 2022)

Facilitator & mentor, IPKA (Integrated Program of Kasr Alainy) (2016-present)

Head of Histology Department, Faculty of physiotherapy, Egyptian Chinese University (September 2018 – Present)

Histology Department, Faculty of Medicine, Cairo University (Assistant lecturer) (August 2011 - September 2015)

Histology Department, Faculty of Medicine, Cairo University (Demonstrator) (June 2006 - August 2011).

House officer in General surgery, general medicine, gynaecology, pediatrics, accident and emergency department, ophthalmic surgery. Faculty of Medicine at Cairo University, Two months each: (from March 2004 - February 2005)

QUALIFICATIONS

- **M.B., B.Ch.**

Faculty of Medicine, Cairo University, Egypt, November 2003.
Grade: Excellent with Honor grade

- **M.Sc.**

Histology, Faculty of Medicine, Cairo University, Egypt, August 2011.
Grade: Very good

Title of thesis: Histological Study on the Effect of Intracameral Injection of Moxifloxacin on Pseudomonas Induced Keratitis in Adult Rabbit

- **PhD.**

Histology, Faculty of Medicine, Cairo University, September 2015.
Grade: Excellent

Title of thesis: Histological Evaluation of Bone Marrow-Derived Stem Cell Therapy on Experimentally Induced Osteoarthritis in Albino Rats' Knee Joint

Membership of Societies & Associations:

- Egyptian Society of Histology and Cytology

TEACHING & RESPONSIBILITIES

- Teaching and evaluation of undergraduate medical students (first and second year) in the subject of Histology including Cytology, General & Special Histology and Neurohistology
- Teaching and evaluation of postgraduate medical students in the subjects of Histology.
- Teaching and evaluation of students of Dentistry, Pharmacy and physiotherapy in the subject of Histology.
- Sharing in internal control and quality control units of histology department.
- Sharing in external control units of faculty of medicine, Kasr Alainy.

PUBLICATIONS

- 1) Effect of Stem Cells, Ascorbic Acid and SERCA1a Gene Transfected Stem Cells in Experimentally Induced Type I Diabetic Myopathy International Journal of Stem Cells February 29,2020
- 2) A Comparative Histological and Immunohistochemical Study of the Effect of Oxandrolone and Whey Protein on Disuse Induced Muscle Atrophy in old aged male rats. The Egyptian Journal of Histology. January 2019, Vol. 42, No. 2
- 3) Contribution of volume overload to the progression of cardiovascular disease in a rat model of chronic kidney disease. Canadian Journal of Physiology and Pharmacology July 2018 (5) 1197-1208, 2018, 96(12)
- 4) Omega-3 attenuates high fat diet-induced kidney injury of female rats and renal programming of their offsprings Archives of Physiology & Biochemistry.
<https://doi.org/10.1080/13813455.2018.1471511>
- 5) Enhancement of neural regeneration after spinal cord injury using muscle graft in experimental dogs. Int J Clin Exp Pathol 2017;10(9):9330-9340 ISSN:1936-2625/IJCEP0060534
- 6) Garlic extract and phonophoresis in wound healing: Histological and immunohistochemical study ISSN:11 10-0559, Vol. 40, No. 3
- 7) Role of Vitamin D and Metformine on Pancreatic Tissue in an Experimental Model of Type II Diabetes Mellitus International Archives of BioMedical and Clinical Research | Oct-Dec 2016 | Vol 2 | Issue 4. DOI: 10.21276/iabcr.2016.2.4.2
- 8) Resistance to Trastuzumab in Clinical Her2 Breast Cancer: Possible Relation to Molecular Subtype and Cancer Stem Cells. International Journal of Medical Science and Clinical Inventions Volume 3 issue 8 2016 page no. 2050-2060
- 9) Histological Evaluation of Bone Marrow-Derived Stem Cell Therapy on Experimentally Induced Osteoarthritis in Albino Rats' Knee Joint. Journal of American Science 2015;11(6)
- 10) Implanted subcutaneous versus intraperitoneal bioscaffold seeded with hepatocyte-like cells: functional evaluation, Fares et al. Stem Cell Res Ther (2021) 12:441, <https://doi.org/10.1186/s13287-021-02531-2>
- 11) The Myth of Median Nerve in Forearm and Its Role in Double Crush Syndrome: A Cadaveric Study. Abdalbary SA, Abdel-Wahed M, Amr S, Mahmoud M, El-Shaarawy EAA, Salaheldin S and Fares A (2021), doi:10.3389, Frontiers in Surgery, www.frontiersin.org, September 2021 | Volume 8 | Article 648779
- 12) Free Mesenchymal Stem Cell-Associated Exosomes Induce Better Neuroregeneration than Mesenchymal Stem Cells and Neural Differentiated Mesenchymal Stem Cells in Canine Model of Spinal Cord Injury. Hala Gabr, Wael A. Elkheir, Amal E.

Fares, Haithem AM Farghali, Bassem E. Mahmoud, Mostafa A. Madbouly, et al. (2020). J Stem Cell Res Ther. 10:5. DOI: 10.35248/2157-7633/20.10.463.

CONFERENCES

Attendance of:

- Conference 41 of the Egyptian Society of Histology and Cytology held on 28 of December 2017.
- Conference 40 of the Egyptian Society of Histology and Cytology held on 29 of December 2016.
- Annual Conference of Kasr Alainy Cairo University on 7 May 2015.
- Conference 37 of the Egyptian Society of Histology and Cytology held on 12 of December 2013.
- Conference 35 of the Egyptian Society of Histology and Cytology held on 29 of December 2011.

TRAINING COURSES

Attendance of:

- Stem Cells separation workshop 22 March 2017
- Introduction to stem cells and regenerative medicine at LRC at Kasr Al Ainy. 18 March 2017
- Stress management 2 January 2017
- Research ethics from 6-7 June 2015
- International publishing of scientific research from 1-2 June 2015
- University code of ethics 25-26 August 2014
- Managing research team from 4-5 June 2014
- E-learning from 22-23 January 2014
- Meetings and managing time from 23-24 December 2013
- Exams and Students Evaluation Systems 13-15 June 2011
- Legal and financial aspect in the university environment 18 January 2011
- Communication skills from 5 January 2011
- Quality standards in teaching from 15 September 2010
- Scientific research 2 August 2010
- Competitive research project 21 June 2010
- Use of technology in teaching from 28 to 30 December 2009

AWARDS

Scientific research awards from Cairo University 2017