

Curriculum Vitae



- **Elham Hassan Ahmed Hassan**

- Al-Glaa, Ryad Yassin street
- Mansoua
- Egypt
- Birth date: 1/8/1989
- Phone: +2 01018777245
- E-mail: - elhamhassan@man.edu

Objectives

A highly self-motivated Ph.D. holder with demonstrated research expertise in oral biology.

Education

Ph.D. in oral biology (November 2021) **oral biology department, Faculty of dentistry, Mansoura university, Egypt.**

Topic of Thesis: Impact of bone marrow mesenchymal stem cells on albino rats' submandibular salivary glands receiving cadmium chloride.

Supervisors: Prof.Dr. Mohammad Elsayed Helal (Professor of Oral Biology) , **Assist.Dr. Mohammad Abd El Rahman Mohammad** (Assistant professor of Oral Biology) ,**Dr. Menatalla Mohammad Elhindawy** (Lecturer of Oral Biology)

M.Sc. In oral biology (June 2017) **oral biology department, Faculty of dentistry, Mansoura university, Egypt.**

Topic of Thesis: Biological Impact of Cinnamon Extract Versus Diazepam on Submandibular Salivary Glands of Stressed Albino Rats

Supervisors: Prof.Dr. Heba Mahmoud El Sabaa (Professor of Oral Biology), **Assist.Dr.Mohamed Ibrahim Mourad** (Assistant professor of Oral pathology) , **Dr.Laila El Sayd Mohamed Amin** (Lecturer of Oral Biology)

-

- Bachelor degree in dentistry and oral surgery (very good degree with honors) faculty of dentistry , Mansoura university.

Workshops, training courses and conferences

- (November 2011 – November 2012) **One year internship at faculty of dentistry Mansoura University clinics**, , including rotations in Pediatric, oral surgery, periodontic and oral medicin, prosthesis, operative, endodontic, crown and orthodontic.
- (june 2013) **Course work in (exams and student evaluation system)** نظم الامتحانات ,مركز تطوير الأداء الجامعى ,وتقويم الطلاب **Mansoura University, Egypt.**
- (November 2013) **Course work in (Competing for research fund)** مشروعات البحوث **Mansoura university, Egypt.** التنافسية المحلية و العالمية
- (August 2015) **Course work in (university code of ethics)** سلوكيات المهنة ,مركز تطوير الأداء الجامعى **Mansoura University, Egypt.**
- (2-4 march 2014) Training course " 30 –Hour general industry for healthcare course "OSHA" , Arab institute for continuing professional development (AICPD)
- **(11-13 may 2015) Educational course in Application of stem cells in therapy. Faculty of medicine , Mansoura, Egypt.**
- **(22 November 2014) conference ' Stem cells and nanotechnology '. Faculty of medicine , Mansoura, Egypt.**
- (5 september 2015) ' The 1st annual national conference for experimental research', children hospital , Mansoura university.
- (January 2015) **course work in ((Research ethics),** اخلاقيات البحث العلمى ,مركز تطوير Mansoura University, Egypt.
- (April 2015) **Course work in (Time and meeting management)** ادارة الوقت والاجتماعات ,مركز تطوير الأداء الجامعى **Mansoura university, Egypt.**
- (November 2015) **Course work in (Use of technology in teaching)** استخدام التكنولوجيا ,مركز تطوير الأداء الجامعى **Mansoura University, Egypt.** فى التدريس
- (August 2018) **Course work in (Statistical analysis skills),** مهارات التحليل الاحصائي ,مركز تطوير الأداء الجامعى **Mansoura University, Egypt.**
- (January 2019) **Course work in (International publishing of scientific research)** النشر **Mansoura university, Egypt.** العلمى
- (4-5 December 2019) Speaker in Mansoura forensic &toxicology conference(MFTC)
- New horizons in application of toxicology &forensic sciences. **Faculty of medicine , Mansoura, Egypt.**
- (August 2019) **Course work in (credit hours system),** نظام الساعات المعتمدة ,مركز تطوير Mansoura University, Egypt.
- (July 2019) **Course work in (Quality standards in the education process),** معايير الجودة ,مركز تطوير الأداء الجامعى **Mansoura University, Egypt.** فى العملية التدريسية

- **(September 2020) Course work in (Organizing scientific conference), تنظيم المؤتمرات**, مركز تطوير الأداء الجامعي العلمية, Mansoura University, Egypt.
- (29/12 2019-5/1 2020) Mansoura university teacher preparation course, Mansoura university.
- **MEMBERSHIPS: Membership of the Egyptian Dental Syndicate.**

- **Work Experience**

- **Academic coordinator for level 1 Mansoura Manchester dental program (MMDP) (January 2022- present)**
- **Assistant professor of oral biology (November 2020 – present)**
Oral biology department, Faculty of dentistry, Mansoura university (Mansoura, Egypt)
- Managed **lectures & small group discussions of oral biology and dental anatomy for undergraduate first & second year** in the Faculty of dentistry, Mansoura University.
- Managed lectures of first part of master degree **postgraduate students** in the Faculty of dentistry, Mansoura University
- Selected materials relevant to each course of study and presented in an engaging fashion.
- Utilized innovative methods of teaching, including videos, computer programs, interactive class activities, and discussions.
- Created lecture presentations for both online and in-hall environment.
- Guided undergraduate dental students in researching, structuring and presenting a medical presentation.
- Participated in implementation of **written & Oral Exams** for undergraduate dental students, to properly assess knowledge retention and student skills.
- As a member of first part (old bylaw) exam committee: Participated in implementation of **exam** for postgraduate dental students
- Participated in the weekly scientific meetings, journal clubs & seminars held in the oral biology department.
- Participated in first part of master degree control work in addition to control work for the third year.

lecturer of oral biology (June 2017 – November 2021) oral biology department, Faculty of dentistry, Mansoura university (Mansoura, Egypt)

- Managed small group discussions of oral histology and dental anatomy for undergraduate students in the Faculty of dentistry, Mansoura University.
- Utilized innovative methods of teaching, including videos, computer programs, interactive class activities, and discussions.

- Participate in teaching of oral histology and morphology course of Mansoura Manchester programme for dental education.
-
- Created lecture presentations for in-hall environment.
- Guided undergraduate dental students in researching, structuring and presenting dental presentation.
- **Conducted, submitted and presented the thesis research** required for fulfillment of the oral biology Ph.D. degree.
- **Conducted the experimental work** required for fulfillment of the oral biology Ph.D. degree.

Demonstrator of oral biology (2012 –2017)

Oral biology department, Faculty of dentistry , Mansoura university (Mansoura, Egypt)

- **Attended lectures of first part** required for fulfillment of the oral biology MSc degree.
- **Wrote, and presented the thesis work** required for fulfillment of the oral biology M.Sc. degree.
- **Conducted the experimental oral histology work** required for fulfillment of the oral biology M.Sc. degree.
- Contributed to positive academic and social tone of the university by demonstrating professionalism to academic community.

Skills

- Rich experience in **Experimental oral histology** including **Isolated tissue preparations, animal models** including, and not limited to, rat models of stress, toxicity).
- Additional experience in **Molecular biology techniques: Enzyme-Linked Immunosorbent Assay (ELISA), Real Time Polymerase Chain Reaction (RT-PCR).**
- **Experience in stem cell isolation from rat models.** Immunohistochemical Staining · Histological Staining and Cell Culture
- Rich experience in **methods of scientific research** starting from **creating hypothesis, reviewing related literature, designing and conducting experiments, collecting, analyzing and interpreting the results, scientific writing and publishing.**
- Rich experience **in systematic review scientific writing**
- Additional experience in **conduct of clinical trials:** selection of patients, methods of randomization, conduct of the trial and **implementation of ethics of research.**
- **Computer skills:Microsoft Office** (Word, Power Point & Excel) &**internet browsing.**

- Experienced in using online meeting applications and zoom, Microsoft teams and WebEx as an examples of a Learning Management System.

Publications:

- **Elham H Ahmed , Mohammed Abdelrahim Abdeen , Samar Soliman.** Impact of chlorogenic acid on submandibular salivary gland and liver of albino rats exposed to sodium nitrite. *BMC Oral Health*. 2024;24(1):911. Published 2024 Aug 8. doi:10.1186/s12903-024-04661-4.
- **Elham H. Ahmed,** Mohammed E.Grawish, Mohamed M.Anees, MenatallM.Elhindawy, Mohamed Abdulrahman, Mohamad E.Helal. Impact of bone marrow mesenchymal stem cells on the submandibular gland structure of adult male albino rats exposed to cadmium chloride toxicity. *Archives of Oral Biology*. 2023,145:105585.
- **Elham H. Ahmed ,** Mohammed E. Grawish, Mohamed Abdulrahman, Menatalla M. Elhindawy, Mohamad E. Helal. Impact of Bone Marrow Mesenchymal Stem Cells on Different Body Organs of Albino Rats Exposed To Cadmium Chloride Toxicity: A Systematic Review. *Indian Journal of Forensic Medicine & Toxicology*, January-March 2021, 15 (1); 1038:1044.
- **Elham Hassan Hassan,** Laila Elsayed Amin, Mohamed I. Mourad and Heba Mahmoud Elsabaa. BIOLOGICAL IMPACT OF CINNAMON EXTRACT VS. DIAZEPAM ON SUBMANDIBULAR SALIVARY GLANDS OF STRESSED ALBINO RA. *International Journal of Advanced Research* . 2016 4(10):1917-1928.