

ALAA MAMDOUH MANSOUR

Personal & Contact Details

Date: February 21, 1989

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Academic Qualifications

Bachelor's degree in Oral Medicine and Surgery (2006-2010)

Faculty of Dentistry, Mansoura University

Grade: Excellent with honor- ranked eighth.

Master's degree in Oral Biology (2013-2016)

Faculty of Dentistry, Mansoura University

Grade: Excellent.

Ph.D. Degree in Oral Biology (2017-2020)

Faculty of Dentistry, Mansoura University.

Student in Wahi Al Qalam Academy for Arabic Calligraphy (Online)

Starting in August 2022

Student in Arabic Calligraphy school, Mansoura

Employment

2012-2017: Demonstrator in the oral Biology department, Faculty of Dentistry, Mansoura University.

2017-2020: Teaching assistant in the oral Biology department, Faculty of Dentistry, Mansoura University.

2018-2020: Teaching assistant in Manchester program, Faculty of Dentistry, Mansoura University.

ALAA MAMDOUH MANSOUR

2021-Now: Lecturer in the oral Biology department, Faculty of Dentistry, Mansoura University.

2021-Now: Member of the quality assurance unit's team, Faculty of Dentistry, Mansoura University.

2022-2024: Tutor and Lecturer in Manchester Mansoura dental program (MMDP), Faculty of Dentistry, Mansoura University.

2022-Now: Lecturer in Manchester Mansoura dental program (MMDP), Faculty of Dentistry, Mansoura University.

2022-2024: The Head of the first master's examination control team.

2024-now: member of Organizer team for the Oral biology department annual scientific day.

2024-2025: level 3 clinical coordinator in MMDP, Faculty of Dentistry, Mansoura University.

Conferences

**'Mansoura International Dental Congress' held in Mansoura, Egypt, April 2013.*

**"Stem cells & Nanotechnology" held in Faculty of Dentistry, Mansoura University, November 2014.*

**'Mansoura International Dental Congress' held in Mansoura, Egypt, December 2021.*

Master thesis supervisors

Dr. Fatima M. Ibrahim, Professor of Oral Biology, Faculty of Dentistry, Mansoura University.

Dr. Mazen T. Abou Elkheir, Professor of Oral Biology, Faculty of Dentistry, Mansoura University.

Master thesis title & its publication:

ALAA MAMDOUH MANSOUR

Effect of Aloe vera on submandibular salivary gland of streptozotocin-induced Diabetic rats.

“Effect of aloe vera on submandibular salivary gland of streptozotocin-induced diabetic rats. International Journal of Advanced Research”

Ph.D. thesis supervisors

Dr. Youssry Mahmoud Ali El Hawary, Vice dean of student affairs and Professor in Oral Biology, Faculty of Dentistry, Mansoura University.

Dr. Mohammed El-Awady Grawish, Professor in Oral Biology, Faculty of Dentistry, Mansoura University.

Dr. Ibrahim Mohamed El-Sherbiny, Professor, & Head of the Nanoscience Program and Director of the Center for Materials Science (CMS), Zewail City of Science and Technology

Dr. Saied Abd El Aziz Ebrahim El-Attar, Associate Professor in Oral Biology, Faculty of Dentistry, Mansoura University.

Ph.D. thesis title & its publication:

Regenerative Capacity of Polycaprolactone-Based Nanofibrous Composite Scaffolds with or without Adipose-derived stem cells on Dogs' Class II Furcation Defects.

- 1. REVIEW ARTICLE:** *“Efficacy of Scaffolds with/ without Stem Cells on Dogs' Class II and III Furcation Defects: Systematic Review. Dental Health: current research”*
 - 2. STUDY ARTICLE:** *“Efficacy of Biocompatible Trilayers Nanofibrous Scaffold with/without Allogeneic Adipose-derived Stem Cells on Class II Furcation Defects of Dogs' Model. Clinical Oral Investigations”*
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Other Publications

Book Chapters:

1.” Nanofibrous Scaffolds for the Management of Periodontal Diseases”

as a Part of the Advances in Polymer Science book series.

2.” Extracellular Vesicles and Diabetic Retinopathy: Nano-Sized Vesicles with Mega-Sized Hopes”

3. A mini-review: “Stem cell-derived exosomes for dentin-pulp complex regeneration: a mini-review”

4. The effectiveness of dental pulp stem cells-derived exosomes for direct pulp capping: In vitro study

Underestablishing project

1. Exosome for dentin-pulp complex regeneration (under Revision)
 2. Book chapter about Natural composite in orthopedic and dentistry (under Revision).
 3. Nanomaterial for dentin-pulp complex regeneration.
 3. 3D printed scaffold for Bone regeneration in rats.
 4. Retinoic acid-induced cleft palate related research.
 5. Natural extract for ulcer treatment.
 6. Rats’ Periodontitis related research.
 7. Nano scaffold for critical sized bone defect in rabbits.
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Experiences

1. Histological section preparation and interpretation (experience for 12 years).
 2. Cell culture and stem cells isolation such as dental pulp stem cells, bone marrow and adipose-derived stem cells.
 3. Cell culture and in-vitro tests such as MTT assay, and ECIS.
 4. EVs isolation and characterization.
 5. Nanomaterial fabrication and characterization.
 6. Molecular Biology such as PCR, and western blot.
 7. Head and neck dissection.
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Courses and training

ALAA MAMDOUH MANSOUR

1. ***Credit hour system-Mansoura University.***
2. ***Statistical Analysis Skills-Mansoura University.***
3. ***Use of technology in teaching-Mansoura University.***
4. ***Managing Time and Meetings-Mansoura University.***
5. ***Research ethics-Mansoura University.***
6. ***Presentation skills-Mansoura University.***
7. ***Legal and Financial Aspects in University environment-Mansoura University.***
8. ***Design personal websites for the faculty member-Mansoura University.***
9. ***The art of successful Leadership-Mansoura University.***
10. ***Basics in Molecular Biology-Faculty of medicine, Mansoura University.***
11. ***Stem cells isolation and characterization- Faculty of medicine, Mansoura University.***
12. ***English for Academic Purposes (grade 90/100) -Mansoura University.***
13. ***ICDL course: [International ICDL certification](#) (March 2011).***
14. ***Professional reviewer, Mansoura University.***
15. ***Government excellence, Mansoura University.***
16. ***The art of successful leadership, Mansoura University.***
17. ***Designing personal websites for staff members, Mansoura University.***
18. ***Methods of examinations and students evaluations, Mansoura University.***