CURRICULUM VITAE

Name Martha Emil Adly Mikhael

Date and Place of Birth 27/08/1988
Assiut, Egypt

Marital Status Married

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Current Position Lecturer of Human Anatomy and Embryology, Department of Human Anatomy and Embryology, Faculty of Medicine, Assiut University, Egypt.

DEGREES

1.	M.B.B.Ch. (Bachelor of Medicine and Surgery)	Assiut University	2011
2.	M.Sc. (in Human Anatomy and Embryology)	Assiut University	2018
3.	M.D. (in Human Anatomy and Embryology)	Assiut University	2023

APPOINTMENTS

	Position	From	To	Employer
1.	Demonstrator of Anatomy	02/03/2013	21/01/2019	Assiut University
2.	Assistant Lecturer of Anatomy	22/01/2019	22/01/2024	Assiut University
3.	Lecturer of Anatomy	23/01/2024	Present	Assiut University

TEACHING EXPERIENCE

- Deliver practical sessions, lectures and tutorials in Human Anatomy, Embryology, and Molecular Biology to students in the Faculties of Medicine, Dentistry, Pharmacy, and Nursing.
- Conduct dissection sessions and prepare practical laboratory materials for hands-on learning.
- Supervise and instruct students in gross anatomy and neuroanatomy laboratory work, ensuring proper technique and understanding.
- Supervise postgraduate students (Master's and PhD) in their research projects.

RESEARCH

Topics of interest through theses and projects activities include:

Experimental Histopathology and Embryology

- Research has been conducted to study the histological embryogenesis of different organs in the chicken embryos.
- Research has been conducted to study the effects of some agents on histogenesis or embryogenesis of some tissues and organs in the albino rat:

*Effects of exposure to gibberellic acid (GA3) during pregnancy and lactation on the postnatal development of the renal cortex in the albino rat.
*Effect of maternal diabetes on pre and postnatal development of the axial skeleton in the albino rat and possible protective role of arachidonic acid.
*Potential protective effect of Resveratrol against Metronidazole-induced cardiac muscle toxicity in the adult male albino rat.

PUBLICATIONS

1- Hassan SAS, Abdel-Aziz HAM, Mohamed HK, and Adly ME. Effects of exposure to gibberellic acid during pregnancy and lactation on the postnatal development of the renal cortex in the albino rat. J. Curr. Med. Res. Pract. (2019) 4: 121-130. doi: 10.4103/JCMRP.JCMRP_67_18.

2- Amer AS, Mohamed RS, Bastwrous AE, Adly ME. Maternal alloxan exposure induces damage in rat offspring lumbar vertebrae and protective role of arachidonic acid. Rom J Morphol Embryol. 2022 Jan-Mar;63(1):83-97. doi: 10.47162/RJME.63.1.08.

3- Bastwrous AE, Mohamed RS, Amer AS, Adly ME. Effects of maternal diabetes on prenatal development of the vertebral column in the albino rat and possible protective role of arachidonic acid. Egypt. Acad. J. Biolog. Sci. 2024; 16(1): 155-177. doi: 10.21608/EAJBSD.2024.355544.

4- Adly ME, Hanna RS, Bastwrous AE. A histological, colorimetric, and morphometric study on the potential protective effect of Resveratrol against Metronidazole-induced cardiac muscle toxicity in the adult male albino rat. Egyptian Journal of Histology. (Article in press, 2025). doi: 10.21608/ejh.2025.402583.2302.

TRAINING PROGRAMS ACHIEVED

- Principles and applications of PCR.
- Real-time PCR & DNA sequencing.
- ELIZA principles & Western blotting.
- Strategic Planning.

- Effective Presentation.
- Student Evaluation.
- Research Ethics.
- Credit Hour System.
- Communication Skills.
- Infection Control.
- Evidence Based Medicine.
- Writing Medical Reports.
- Writing Protocol.

SEMINARS PRESENTED

- Visual Cortex
- Teratogenesis
- Back Muscles
- Reticular Formation

RESEARCH PROFILES

- Google Scholar: https://scholar.google.com.eg/citations?hl=en&user=LoWHaxYAAAAJ
- ORCID: https://orcid.org/0000-0001-6604-1866
- Research Gate: https://www.researchgate.net/profile/Martha-Adly?ev=hdr_xprf

REFERENCES

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   Faculty of Medicine, Assiut University, Egypt
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2. Hala Zein Elabdin Mohamed, M.D.,
   Professor of Human Anatomy & Embryology
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