



Maram M. EL Tabaa

Associate Professor of Medical Physiology



Curriculum Vitae – Jan. 2026

PERSONAL DATA

Date of birth:

Oct 21, 1986

Place of birth:

Mecca, Saudi Arabia

Citizenship:

Egyptian

Marital Status:

Married with two children

CONTACT

Address:

Aziz Fahmy St., Tanta, Gharbia, Egypt

Work address:

Faculty of Medicine, Tanta University, Egypt

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Email:

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Web site:

http://tdb2.tanta.edu.eg/staff/StaffDetails.aspx?staff_id=4773

OBJECTIVE

I am interested in studying the functions of each human body system and the homeostatic mechanisms normally maintain a constant internal environment, in addition to studying the interrelations of body systems to each other and their integrated responses to physiological and pathological stresses as well as the pathophysiology of various human diseases.

EDUCATION

2003-2009

Bachelor's degree of Medicine and Surgery (MBBS.): (Excellent with honor), Faculty of Medicine, Tanta University, Egypt.

2011-2015

Master's degree (MA.) in Basic Medical Sciences (Medical Physiology): (Very good with honor), Physiology Department, Faculty of Medicine, Tanta University, Egypt.

2015-2019

Doctor of Medicine (M.D.) in Basic Medical Sciences (Medical Physiology): with grade (B+), Physiology Department, Faculty of Medicine, Tanta University, Egypt.

FIELD EXPERIENCE

03/2010-03/2011

Medical Intern at Tanta University Hospitals.

04/2011-09/2011

General Practitioner at Segar Medical Center, Gharbia Directorate of Health.

PROFESSIONAL EXPERIENCE

10/2011-07/2015

Demonstrator of Medical Physiology, Faculty of Medicine, Tanta University, Egypt.

07/2011-01/2020

Assistant Lecturer of Medical Physiology, Faculty of Medicine, Tanta University, Egypt.

AUTHOR ID

GOOGLE SCHOLAR:

<https://scholar.google.com.eg/citations?hl=en&user=3-haTOUAAAAJ&scilu=&scisig=AMstH GQAAAAAWtMyJWqp5f>

RESEARCHGATE:

https://www.researchgate.net/profile/Maram_Eltabaa/research

ORCID

<https://orcid.org/0000-0002-1462-0716>

LANGUAGES

Arabic – Native

English – Excellent

SOCIAL SKILLS

- Ability to work under pressure
- Adaptive and creative
- Excellent teamwork
- Good communication skills

Research SKILLS

- Tissue and blood sampling.
- Good experience in ELISA technique, spectrophotometric & fluorometric methods of analysis.
- Good experience in performing Rat Behavioral tests as (Forced Swim Test, Open Field Test).
- Good experience in using statistics software (e.g., SPSS & Prism GraphPad), scientific figures creation using Bio Render or Graph mind online tools & reference software (Mendeley).

Associate Trainer (AT) at International Board of Certified Trainers (IBCT). Since 03/2018

Assistant Professor (Lecturer) of Medical Physiology, Faculty of Medicine, Tanta University 01/2020-06/2025

Associate Professor of Medical Physiology, Faculty of Medicine, Tanta University – Egypt Since 07/2025

Associate Professor of Medical Physiology, Faculty of Medicine, Ibn Sina university for medical sciences – Jordan Since 09/2025

TEACHING EXPERIENCE

Undergraduate	
2012 - 2025 Laboratory teaching, Tutorials & Lectures for:	
Academic level/ Program/	Faculty
-1st & 2nd years (CNS, CVS, MS.&N., Blood)/ Bachelor of Medicine & Surgery Program (MBBCh) for Egyptian & Malaysian Students. - Respiratory System1, Blood-Lymphatic System, Elective Physiology & Gastrointestinal modules in Medicine & Surgery Bachelor Program-Credit Points (MSBP-CP).	Medicine
- 1st year (CNS, CVS, MS.&N., Blood)/ BSc in Pharmaceutical Sciences (BSPS). - Physiology course (CVS)/ (Pharm D-Credit Hours). - 1st year (CNS, CVS, MS.&N., Blood)/ (Pharm D- Clinical pharmacy).	Pharmacy
- Physiology courses (GIT, Metabolism)/ Bachelor of Surgery (BDS- Credit Hours). - Physiology I, II courses (CVS, ANS, Endocrine, Blood)/ International Program of Bachelor of Dentistry (IBDS-Credit Hours).	Dentistry
- Physiology course (ANS)/ bachelor's degree in nursing sciences (BSN)	Nursery

IT SKILLS

- International Computer Driving License (ICDL) -Syllabus Version :4.0, 07/2011.
- Windows 10 & Microsoft Office 365 (Word, Power Point, Excel).
- Good experience in using Microsoft teams & Learning Management System (LMS).

ACTIVITIES RELATED TO EDUCATIONAL PROCESS

2017-03/2021

Member of Information Technology (IT) Unit, Admin of Official Website for Physiology Department, Faculty of Medicine, Tanta University, Egypt.

2020/2021

Course Coordinator for Respiratory System1 module in Medicine & Surgery Bachelor Program-Credit Points (MSBP-CP), Faculty of Medicine, Tanta University.

Since 09/2023

General Quality Coordinator in Physiology department, Quality Assurance Unit, Faculty of Medicine, Tanta University.

Since 09/2023

Chairman of Electronic follow up Committee, Faculty of Medicine, Distant Learning Management System (DLMS) Unit, Tanta University.

2024/2025

Internal Coordinator for Blood & lymphatic system in Credit Points Tanta Medical Program (CPTMP), Physiology department, Faculty of Medicine, Tanta University.

IT SKILLS

- International Computer Driving License (ICDL) -Syllabus Version :4.0, 07/2011.
- Windows 10 & Microsoft Office 365 (Word, Power Point, Excel).
- Good experience in using Microsoft teams & Learning Management System (LMS).

CONFERENCES ATTENDED

2015 - 2020 Laboratory Teaching & Tutorials for:	
Academic level/ Program/	Faculty
Training Sessions for newly appointed physiology demonstrators every year, Physiology Department	Medicine

04-08/3/2013

The 28th Annual Congress of Tanta Faculty of medicine, Quality and Medicine.

17-20/3/2014

The 29th Annual International Congress of Tanta Faculty of Medicine, Multidisciplinary Medicine Era I.

05-08/5/2015

The 30th Annual International Congress of Tanta Faculty of Medicine, Multidisciplinary medicine Era II.

26-28/5/2021

The Hybrid congress of Tanta Faculty of medicine,
COVID-19 & its impact on Public Health.

04-07/7/2023

**The 38th Annual International Congress of
Tanta Faculty of medicine,** New Trends in
International Procedures in Medicine.

09-12/7/2024

**The 39th Annual International Congress of
Tanta Faculty of medicine,** Updates in Imaging
Novel Medical Practice.

WORKSHOPS ATTENDED

27-28/04/2017

Fabrication, Falsification and Plagiarism,
National Academy of Sciences, Ein Shams
University.

17/06/2018

**Digital Library & Egyptian Knowledge Bank
Services,** Faculty of Medicine, Tanta University.

17/06/2020

Boost your Academic Profile, online via
Scientific Research Development Unit, Tanta
University.

22-24/08/2020

Biostatistics: Basics & Application, online via
Nawa Scientific.

02/02/2021

How to Write a Scientific Research Proposal,
Online Platform of Academics & Researchers
Platforms (IFAD).

03/02/2021

Research Hypotheses and Statistical Process,
Online Platform of Academics & Researchers
Platforms (IFAD).

21/11/2021

Researchers Profile and communication skills,
Online Platform of Egyptian Knowledge Bank.

08/02/2021

**The Basic Rules for Building Scientific
Concepts,** Academics & Researchers Platforms
(IFAD).

04/03/2021

Prospects Application of Total Quality in Higher Education Institutions, online Platform of Academics & Researchers Platforms (IFAD).

16/03/2021

Types of Data and its Relationships with Statistical Methods and Programs, Academics & Researchers Platforms (IFAD).

18/03/2021

Create an Electronic Test Using Multiple Forms, Academics & Researchers Platforms (IFAD).

20/03/2021

Preparing Strategic Plans, Academics & Researchers Platforms (IFAD).

29/06 till 16/10/2021

How to Identify Yourself as a Researcher, 8 online sessions via Digital Transformation & Information Technology Unit, Suez Canal University.

16/11/2021

Researchers Profile and communication skills, Online Platform of Egyptian Knowledge Bank.

17/11/2021

Quality and Impact in Research, Online Platform of Egyptian Knowledge Bank.

18/11/2021

Publication Ethics and Research Misconduct, Online Platform of Egyptian Knowledge Bank.

16/10/2021

How to Identify Yourself as a Researcher, online via Digital Transformation & Information Technology Unit, Suez Canal University.

17/12/2024

Uses of Artificial intelligence in scientific research, Academics & Researchers Platforms (IFAD).

10 march- 2 june/2025

Application of Artificial Intelligence from basic to professional, Future Scientists Platforms.

TRAINING COURSES

July 2013

- **National English Language Course** for master's degree from **Languages & Continuing Education**
- Several programs at **Faculty and Leadership Development Projects (FLDP) center**, Tanta University under the titles of:

11 th -13 th May 2013	Student Evaluation.
14 th -16 th April 2018	University Administration.
17 th -19 th April 2018	International Publishing of Research.
21 ^h -23 rd April 2018	Time and Conference Management.
05 th -07 th May 2018	Communication Skills.
12 th -14 th May 2018	Quality Standards in Teaching.
10 th -11 th Aug 2023	Credit Hour System.
18 th -19 th Sep 2023	Legal & Financial Aspects in Universities.
07 th -08 th Aug 2024	Research Ethics.

Aug 2023

- **Fundamental of Digital Transformation (Web Module)**, Electronic & Knowledge Services center, SCU.

PUBLICATIONS

- 1- **El Tabaa M Maram, El Fateh M Nahid, El Gharib A Mahmoud & Mady M Mohamed (2018):** Effect Of Taurine On Depression Associated With Obesity And Streptozotocin Induced Diabetes In Rats. International Journal of Advanced Research. 6. 714-725.
DOI URL: <http://dx.doi.org/10.21474/IJAR01/8191>
- 2- **El Tabaa M Manar & El Tabaa M Maram (2020):** Targeting Neprilysin (NEP) pathways: A potential new hope to defeat COVID-19 ghost. Biochemical Pharmacology. 178. 714-725.
DOI URL: <https://doi.org/10.1016/j.bcp.2020.114057>
- 3- **El Tabaa M Manar & El Tabaa M Maram (2020):** New putative insights into neprilysin (NEP)-dependent pharmacotherapeutic role of roflumilast in treating COVID-19. European Journal of Pharmacology. 889. 173615.
DOI URL: <https://doi.org/10.1016/j.ejphar.2020.173615>
- 4- **El Tabaa M Manar, El Tabaa M Maram, Anis Anis, Elgharabawy Rehab, El-Borai Nermeen (2022):** *GLP-1 mediates the neuroprotective action of crocin against cigarette smoking-*

5- Manar M El Tabaa , Maram M El Tabaa , Rehab M Elgharabawy , Walaa G Abdelhamid (2022): Suppressing NLRP3 activation and PI3K/AKT/mTOR signaling ameliorates amiodarone-induced pulmonary fibrosis in rats: a possible protective role of nobiletin

DOI URL: <https://doi.org/10.1007/s10787-023-01168-2>

6- Manar Mohammed El Tabaa, Maram Mohammed El Tabaa, Eman Rashad, Mohammed Salah Elballal, Ola Elazazy (2024): Harmine alleviated STZ-induced rat diabetic nephropathy: A potential role via regulating AMPK/Nrf2 pathway and deactivating ataxia-telangiectasia mutated (ATM) signaling.

DOI URL: <https://doi.org/10.1016/j.intimp.2024.111954>

7- Maram Mohammed El Tabaa, Heba Faheem, Mohammed Salah Elballal, Eman Rashad, Mohamed Mohsen, Manar Mohammed El Tabaa (2025): The PPAR- α agonist oleoyethanolamide (OEA) ameliorates valproic acid-induced steatohepatitis in rats via suppressing Wnt3a/ β -catenin and activating PGC-1 α : Involvement of network pharmacology and molecular docking signaling.

DOI URL: <https://doi.org/10.1016/j.ejphar.2025.177306>

8- Maram Mohammed El Tabaa, El Tabaa, Manar Mohammed, Ahmed Almедин, Hoda Ibrahim, Maram Mofreh Mahrous Ghabrial, Yasmeen M El-Harty (2025): Suppressing AIM2/IL1 α /Piezo1 axis mitigates LPS-induced COPD in rats via targeting AMPK-dependent role of 5-aminolevulinic acid

DOI URL: [10.21608/besps.2024.324915.1181](https://doi.org/10.21608/besps.2024.324915.1181)

9- Yasmeen M El-Harty, Rehab M El-Gohary, Maram Mofreh Ghabrial, Sameh M El-Harty, Alaa Elkordy, Islam Ibrahim Hegab, Maram Mohammed El Tabaa (2025): The Prophylactic Role of Amlodipine in Cerebral Ischemia via PGC1 α /Nrf2/TFAM Pathway Activation.

DOI URL: [10.21608/besps.2024.328491.1182](https://doi.org/10.21608/besps.2024.328491.1182)

10- Manar Mohammed El Tabaa, Maram Mohammed El Tabaa, Mohamed Mohsen, Hamdi Mohamed Abo-Alazm, Donia Mohamed Abd Elaziz, Mariam Akram, Eman Mohamed Eldeeb, et al (2025): Reduced NF- κ B/NLRP3/IL-18 signaling increases the protective effect of L-glutamine against LPS-induced retinal inflammation in mice: Utilization of network pharmacology and experimental validation.

DOI URL: <https://doi.org/10.1016/j.ejphar.2025.177840>