

Resume



Personal Information

- Name: Lamiaa Mohammed Meghawery Matter
- Gender: female
- Nationality: Egyptian
- Date of Birth: 01/10/1985
- Place of Birth: Menofia
- Marital status: married and have two adults (age:12- and 15-years-old)
- Home Address (Egypt) : Building 11 ,Megawra 8,El mashroua El amriky, Helwan, Cairo ,Egypt.
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Personal Statement

Ever since my first day in the Faculty of Medicine, I have always envisioned myself more of a university professor than of a doctor, treating patients, because teaching and research were always my passions. Perhaps contrary to a substantial proportion of medical students, pharmacology was my favorite subject. Accordingly, it was like a destiny for me to end up as a staff member in the Medical Pharmacology Department. I very much enjoy teaching and my involvement with students is central to my academic work.

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I am committed to mentoring, assisting, advising, and working with students outside of the classroom as well. I always provide the diversity in teaching ways to engage as many students as possible. These methods may include, but are not limited to videos, personal research, paper writing, group exercises, problem-based learning, case based learning, and discussions. In addition, I will continue to pursue a research agenda directed towards publishing academic articles. Individual and collaborative research is a central aspect of my academic life. I am also committed to serve the department and university with the best of my ability. However, my intentions were never to confine myself to academic work and so it was like a golden chance for me to have opportunity to work as a family medicine specialist for four years at Al Tawheed hospital in El Masara, Egypt. This gave me the chance I had always dreamt about to combine my pharmacological knowledge with clinical practice. Moreover, for four years I was involved in training clinical pharmacy students. Having a duty to attend Cardiac intensive care unit and internal medicine units' grand rounds that gave me a unique chance to coordinate pharmacy practice with medical care. As the complexity of patient care increases in our world, clinical pharmacology is becoming more than ever very much needed. High standard of teaching and training of medical and pharmacy students in such disciplines constitutes the foundation for health care reformation, a long-needed enterprise in Egypt.

Academic Background

1. Associate professor of pharmacology from august 2025 till current
2. PhD Degree in Pharmacology from the Faculty of Medicine, Cairo University, obtained in May, 2019; the title of the M.D. Thesis was “Possible role of amiodarone versus propranolol in treatment of chronic theophylline toxicity in rats”. The thesis dealt with testing amiodarone for the presence of any protective properties against chronic theophylline toxicity disorders rather than its antidysrhythmic property.
3. Professional Diploma of Family medicine, Arab Institute For Continuing Professional Development, Arab Medical Union in December, 2017 with very good grade (83.9).The program is composed of 928 contact hours equivalent to 39.5 credit hours.
4. M.Sc. Degree in Basic Medical Science (Pharmacology) from the Faculty of Medicine, Cairo University, obtained in May, 2016 (singed up very good); the title of the M.Sc. thesis was “The potential therapeutic role of D2 agonist, Bromocriptine,

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in fructose induced diabetes mellitus in rats". The thesis observed the beneficial effects of bromocriptine in adjustment of disturbed biological rhythms that could provide a new vision for management of type 2 DM and metabolic syndrome.

5. M.B., B.Ch. from the Faculty of Medicine, Cairo University, obtained in November, 2008 and was signed up "Excellent with Honors".

Society membership

- Member of the medical syndicate ,Egypt.

Professional Background

May 2019- current

Lecturer of Pharmacology in the Department of Pharmacology, Faculty of Medicine, Cairo University, with the following responsibilities:

1. Teaching lectures for first, second, third and fourth year medical students ,
2. Teaching lectures for second year dentistry medical students and physiotherapy undergraduate students,
3. Supervising preparation and performance of practical tutorial classes for third year medical students and third year dentistry medical students,
4. Participation in design of Pharmacology third year medical exam , undergraduate and postgraduate nursing students.
5. Correction of short question exam papers for third year medical students,
6. Teaching of the postgraduate Pharmacology practical course,
7. Teaching the Pharmacology course for postgraduate and undergraduate nursing students,
8. Supervision of theses for fulfillment of Master and M.D. degrees in Pharmacology and other specialties,
9. Participation in preparing the course materials of theoretical and practical books for second and third year medical and nursing students.
10. Conducting experimental research work in the Department of Pharmacology and participating in research work in other Medical Departments.
11. Participation in academic mentorship, blueprint and ILOS design implementation.
12. Participation in control works for undergraduate and quality management works.

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13. Participation as an organizer and speaker in the "Horizons of clinical pharmacology" held in kasralainy , faculty of medicine, Egypt on 22 February, 2024; Lecture topic: "Artificial intelligence in drug discovery "
14. Lecturer in Pharmacology department (part time), Faculty of Medicine, Modern university for technology and information with the following responsibilities: Teaching lectures and tutorial for first, second, third year medical students, Participation in design of Pharmacology exams and Correction of short question exam papers .
14. Working as a family medicine specialist at internal medicine clinic, a day per week at El Tawheed hospital in Al Masara, Cairo.

May 2016- May 2019

Assistant Lecturer in the Department of Pharmacology, Faculty of Medicine, Cairo University.

1. Teaching Tutorial and practical classes for third year medical students,
2. Teaching Tutorial and practical classes for second year dentistry medical students,
3. Participation as a tutor in the summer training courses of clinical pharmacy students
4. Volunteer in internal medicine kasralainy clinics.

2011 - May 2016

Clinical Demonstrator in the Department of Pharmacology, Faculty of Medicine, Cairo University

2010 to 2011

Preservice training, working as GP in ministry of health and population (family health care unit of El Tebeen, Helwan).

2009 to 2010

Internship at kasralainy hospital, Faculty of Medicine, Cairo University.

Research

Areas of research interest

I am particularly interested in the field of drug toxicology and clinical pharmacology.

I have previously participated in design of research project for studying the role of nitazoxanide as a promising avenue minimizing HCC in HBV infection targeting covalently closed circular DNA.

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I am also participating in research articles related to therapeutic indications of microbiome

Research students

During my work as a lecturer in the Pharmacology Department, I supervised clinical pharmacology pre request for exam of first part of pharmacology master, I supervised thesis for the fulfillment of the M.D. in physiology with the title of : Possible role of microbiome in acute intestinal ischemia reperfusion injury - induced local and remote organ injury in male rats via modulation of TLR4/NF-KB signaling pathway.

Publications

1. Ameliorating effect of amiodarone versus propranolol in chronic theophylline toxicity in rats. EurAsian Journal of BioSciences Eurasia J Biosci 13, 2167-2176 (2019).
2. The possible implication of endothelin in the pathology of COVID19 induced pulmonary hypertension. Pulmonary pharmacology and therapeutics 71, 102082(2021).
3. Potentially Inappropriate Prescriptions and Hospital Outcome among Geriatric Patients.Journal of Gerontology and Geriatrics. Online first 2022; Sept30.<http://doi.org/10.36150/2499-6564-N558> <http://www.jgerontology-geriatrics.com/article/view/558/475>
4. Evaluation of the therapeutic role of allopurinol on bisphenol S gastric and renal toxicity in adult male albino rats: An in vivo study. Basic & Clinical pharmacology & Toxicology. First published:20September2022. <https://doi.org/10.1111/bcpt.13792>
5. Evaluating the protective role of trimetazidine versus nano trimetazidine in amelioration of bilateral renal ischemia/reperfusion induced neurodegeneration: Implications of ERK1/2, JNK and Galectin-3 /NF- κ B/TNF- α /HMGB-1 signaling. Tissue and Cell. Volume 85, December 2023, 102241 <https://doi.org/10.1016/j.tice.2023.102241>
6. Acute ivermectin toxicity on skin and brain tissue of adult albino rats: Evaluation of the role of Flumazenil and Vitamin C as new treatment modalities. Food and Chemical Toxicology2025, 200,115383
7. Topical Insulin Improves Postoperative Wound Healing in Controlled Diabetic Patients through Regulating the Expression of E-Cadherin and

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Ki67.An Open -Label Randomized Controlled-Trial. *Futur J Pharm Sci* **11**, 80 (2025). <https://doi.org/10.1186/s43094-025-00830-6>

8. Unveiling the potential therapeutic role of nifuroxazide and liraglutide combination in mitigating LPS-induced acute lung injury through modulation of AT1R/JAK-2/STAT-3 by ACE2/ Ang1-7/MasR signaling in male albino rats: in vivo and in silico study. *Int Immunopharmacol* 2025 Oct 10:163:115261. doi: 10.1016/j.intimp.2025.115261. E pub 2025 Jul 23.

Clinical Experience

2017-2023

Volunteer in internal medicine kasralainy clinics

2019-2023

Working as a family medicine specialist at internal medicine clinic, a day per week at El Tawheed hospital in Al Masara, Cairo.

2016-2017

Enrolled in Professional Diploma of Family medicine, Arab Institute for Continuing Professional Development, Arab Medical Union in December with training in Mediant Nasr city hospitals,

Duties included:

1. Examination and management of patients in outpatient clinics in Mediant Nasr city hospitals.
2. Having continuous medical education certificates, online attendance .
3. Conducting a very comprehensive portfolio including all activities during this diploma.

2010 - 2011

Preservice training, working as GP in ministry of health and population (family health care unit of El Tebeen, Helwan).

2009 - 2010

House Officer, in Kasralainy Hospital, Faculty of Medicine, Cairo University.

Conferences Attended

- 52 Annual conference of the Egyptian society of pharmacology and experimental therapeutics (ESPET)

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- NECTR scientific activities at Cairo university entitled: Addiction among young people
- Breaking news and future views in critical care medicine, scientific day
- 11th national Egyptian diabetes congress
- Horizons of clinical pharmacology, pharmacology department annual conference, Kasr Al Ainy

Courses Attended

1. Course of Statistics
2. Course of scientific writing
3. Course of blueprint implementation
4. Course of technology use in teaching
5. Course of international publishing of scientific research
6. Course of conference organization
7. Course of examination and student evaluation techniques
8. Course of credit hours systems
9. Course of effective teaching skills
10. Course of change management
11. Course of total quality management in health care
12. Course of legal and financial aspects in university environment
13. Course of competing for research funds
14. Course of managing research teams
15. Course of ethical considerations for animal use in research and education
16. Course of Critical thinking
17. Course of Standards of quality in teaching process
18. Fundamental life support course: By ECCP, at LRC Cairo university
19. Course of tissue repair with stem cells
20. Infection control course
21. Online CME courses in family medicine
22. Course of Essentials of integrated education
23. Course of Applications of AI in education
24. Course of Stress management

Skills

- Presentation Skills

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o Computer (Microsoft Office)

Interests

- Reading
- Drawing
- Writing poems

Languages

Arabic – mother tongue

English fluency

References and supporting documents furnished upon request.

Referee contacts emails:

1-Professor Hisham Attia Al Shekheby

**Professor of pharmacology, faculty of medicine, Cairo university
Head of pharmacology department, faculty of medicine, Modern
technology, and information university**

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2- Professor Soha El Morsy

**Head of pharmacology department, faculty of medicine, Cairo
university**

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