



Esraa Mohamed Rabea Zeidan

Assistant Professor Pharmacology
and Toxicology

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📍 Cairo, Egypt

PERSONAL INFO

Date Of Birth : 28/2/1988

Religion : Muslim

Marital Status : Married

Nationality : Egyptian

Gender : Female

Place of Birth : Kuwait

PERSONAL SKILLS

- Communication
- Teamwork skills
- Project Management
- public speaking
- Critical Thinking
- Stakeholder Engagement
- Self Motivation
- Conflict Management
- Ready for Challenges
- Flexibility with patient
- Sense of responsibility

LANGUAGE

- Arabic : Mother Tongue
- English : Excellent

ABOUT ME

Knowledgeable professional dedicated to providing exemplary pharmaceutical care to customers and patients while leading and motivating pharmacy staff. Possesses a passion for helping others and strives to stay current on the latest pharmaceutical developments. Proven track record of successfully managing pharmacy operations and providing excellent patient care.

EDUCATION

ACADEMIC QUALIFICATION :

Bachelor's degree in Pharmacy, Minia University

Graduation year (May 2010)

Grade : Excellent ranking first (91.29 %).

MASTER IN :

- Pharmacology and Toxicology, Minia University (jul 2015), Grade : Excellent
- Thesis title: A Comparative Study between Effects of Telmisartan and Aliskiren in Non-Alcoholic Fatty Liver Disease in Rats

PHD IN :

- Pharmacology and Toxicology, Minia University (Nov 2022)
- Awarded three years, fully funded PhD scholarship (joint supervision) to the Justus Liebig University, Excellence Cluster Cardio-Pulmonary System (ECCPS), Giessen, Germany from the Egyptian Ministry of Higher Education (2018-2021)
- Thesis title : Redox Dependent Mechanisms in Pulmonary Hypertension

SCIENTIFIC ACHIEVEMENTS

- h index (SCOPUS only) if any 5
- Citations (SCOPUS only) if any 84
- Total no. of Int. publications in SCOPUS if any 6

PUBLICATIONS :

- Comparative effects of Aliskiren and Telmisartan in high fructose diet-induced metabolic syndrome in rats.
European journal of pharmacology 760, 145-153 (2015) IF = 4.4
- Morin alleviates fructose-induced metabolic syndrome in rats via ameliorating oxidative stress, inflammatory and fibrotic markers
The Korean Journal of Physiology & Pharmacology (2021) IF= 1.6
- Genetic deletion of p66shc and/or cyclophilin D results in decreased pulmonary vascular tone
European Respiratory Journal 2023 61(6): 2200951; DOI: <https://doi.org/10.1183/13993003.00951-2022> (2022) IF= 17
- Nicotine promotes e-cigarette vapour-induced lung inflammation and structural alterations
European Respiratory Journal 2023 61(6): 2200951; DOI: <https://doi.org/10.1183/13993003.00951-2022> (2023) IF = 17
- Mitochondrial regulation of the hypoxia-inducible factor in the development of pulmonary hypertension
Journal of Clinical Medicine, 2022. DOI: 10.3390/jcm11175219 (2022) IF = 3.9
- The Effect of Mitotempo Treatment on HIF-1 α Stabilization and Hypoxia-induced Pulmonary Hypertension in Mice
A74. MITOCHONDRIA AND METABOLISM IN LUNG HEALTH AND DISEASE, A2595-A2595 (2024) IF = 6.8

EXPERIENCE

- (2022 TILL NOW): LECTURER Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University.
- (2018-2021) PhD Student as a part of scholarship awarded by Egyptian Ministry of Higher Education at Justus Liebig University, Excellence Cluster Cardio-Pulmonary System (ECCPS), Giessen, Germany.
- (2015-2018) ASSISTANT LECTURER OF PHARMACOLOGY Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University.
- (2011- 2015) RESEARCH AND TEACHING ASSISTANT Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University.
- Department representative member in the executive team of "The Ministry of Higher Education program" Faculty Education Quality Assurance & Accreditation Program" (2007-now).

TEACHING EXPERIENCE

- Five years experience in teaching g pharmacology courses for post - graduate students namely, General Pharmacology, Biochemical Pharmacology, Molecular Pharmacology and Advanced Pharmacology for M.Sc. Pharmacology and Biotechnology programs.
- Five years experience in teaching Pharmacology, Toxicology , Biological assay and Biostatistics to third - and fourth - year Pharmacy students.
- Five years experience in teaching Pharmacology I, II and III, Clinical Pharmacology, Clinical Pharmacy, Medical terminology, Pathophysiology, therapeutics - I, Therapeutics- II and First Aid to Clinical Pharmacy students.

RESEARCH EXPERIENCE

A. Isolated organ (in-vitro) preparations

1. Good experience with isolated rabbit intestine.
2. Good experience with Isolation of pulmonary artery smooth muscle cells (PASMCs) in mice
3. Good experience with cell culture technique

B. In vivo experience in:

1. Handling of experimental animals and administration of drugs by different routes
2. Inducing experimental gastric and duodenal ulceration in rats
3. Inducing methotrexate and doxorubicin-induced organ toxicity
4. Inducing experimental diabetes with Streptozotocin (STZ)
5. Inducing gentamicin nephrotoxicity
6. Screening of analgesics, antioxidants, antiepileptic, antihistaminic and CNS depressant.

C. Instrumental techniques

Good experience spectrophotometry, spectrophotometry, ELISA, Western blotting, immunohistochemistry and immunofluorescence.

COMPUTER EXPERIENCE

Good experience with Microsoft Windows®, Microsoft office (Word, Excel®, PowerPoint®, Access®), Endnote®, Graph pad Prism®, Statistica®, SPSS®, Adobe Reader®.

HONORS AND AWARDS

- Class standing : The 1st student throughout my undergraduate and postgraduate studies.
- Three years, Fully Funded PhD Scholarship (joint supervision) to Justus Liebig University, Excellence Cluster Cardio-Pulmonary System (ECCPS), Giessen, Germany from the Egyptian Ministry of Higher Education.