ABDALLA MOURSI WEDN

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5728 Baum Blvd, Pittsburgh, PA 15206

EDUCATION

PhD Degree in Pharmacology
August 2021 — Present

University of Pittsburgh, School of Medicine

Graduate student and research assistant

Master's Degree in Pharmacology
September 2014 — August 2019

Faculty of Pharmacy , Alexandria University, Egypt

Thesis title: "Counteraction of endotoxic renal inflammation and vascular changes by cholinergic anti-inflammatory pathway in rats"

Bachelor's Degree in Pharmaceutical Sciences
September 2009 — June 2014

Faculty of Pharmacy , Alexandria University, Egypt

CGPA : 3.99 (A) Grade : Distinction with honor

Secondary school
September 2006 — June 2009

Othman Bin Affan secondary school, Makah, Saudi Arabia

First ranking with honors

WORK EXPERIENCE

Department of Pharmacology &Toxicology, Faculty of Pharmacy, Alexandria University
September 2019 — Present

Assistant Lecturer

Department of Pharmacology &Toxicology, Faculty of Pharmacy, Alexandria University
October 2015 — August 2019

Teaching Assistant

El-Hamam Military Hospital
March 2015 — March 2016

Hospital Pharmacist

Sohir Pharmacy
September 2013 — March 2015

Community Pharmacist

PUBLICATIONS

Published Research Papers:

- **Wedn AM**, El-Bassossy HM, Eid AH, El-Mas MM. Modulation of preeclampsia by the cholinergic anti-inflammatory pathway: Therapeutic perspectives. Biochemical Pharmacology. 2021;192:114703. DOI: 10.1016/j.bcp.2021.114703.
- Abuiessa SA, **Wedn AM**, El-Gowilly SM, Helmy MM, El-Mas MM.Preeclamptic Fetal Programming Alters Neuroinflammatory and Cardiovascular Consequences of Endotoxemia in Sex Specific Manners. Journal of Pharmacology and Experimental Therapeutics. 2020 DOI: 10.1124/jpet.119.264192.
- **Wedn AM**, El-Gowilly SM, El-Mas MM. Nicotine improves survivability, hypotension, and impaired adenosinergic renal vasodilations in endotoxic rats: Role of α7-nAChRs/HO-1 pathway. Shock. 2019. Doi: 10.1097/SHK.0000000000001384.
- **Wedn AM,** El-Gowilly SM, El-Mas MM. Nicotine reverses the enhanced renal vasodilator capacity in endotoxic rats: Role of alpha7/alpha4beta2 nAChRs and HSP70. Pharmacological Reports. 2019. 71, 782-793. Doi: 10.1016/j.pharep.2019.04.013.
- **Wedn AM**, El-Gowilly SM, El-Mas MM. α7-nAChRs/HO-1 pathway are key modulators of sexually dimorphic endotoxic inflammation and renal vasoconstrictor hyporeactivity in rats. Inflammation Research. Doi:10.1007/s00011-019-01309-w.
- **Wedn AM,** El-Gowilly SM, El-Mas MM. Time and sex dependency of hemodynamic, renal, and survivability effects of endotoxemia in rats. Saudi Pharmaceutical Journal. Doi: 10.1016/j.jsps.2019.11.014.

AWARDS

- **International travel award** from American Society for Pharmacology and Experimental Therapeutics (ASPET) to participate in the Virtual Experimental Biology Conference, April 2021.
- **International travel award** from American College of Toxicology (ACT) to participate in the 40th annual meeting of American Collage of Toxicology, Phoenix, Arizona, USA, November 2019.
- **International travel award** from American Society for Pharmacology and Experimental Therapeutics (ASPET) to participate in the Experimental Biology Conference, Orlando, Florida, USA, April 2019.

REFERENCES

- Mahmoud Mohammed El-Mas, MSc, PhD
  Professor, Pharmacology and Toxicology, Faculty of Medicine, Kuwait University, Kuwait
  Ex-Chair & Professor, Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt
- Sahar Mahmoud El-gowelly MSc, PhD
  Chair & Professor, Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt
- Amira Mustafa Senbel MSc, PhD
  Professor of Pharmacology & Toxicology, Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt
  Professor, Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt
- Mai Mustafa Helmy MSc, PhD
  Professor, Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt