

MENNATTALLAH OSAMA IBRAHIM ZAKI

Teaching assistant of pharmacology and toxicology, Faculty of pharmacy, Horus university

Email: mosama@horus.edu.eg

Telephone: +201008816944

Academic qualification:

- **Faculty of pharmacy, Cairo University, Egypt** **2023**
PhD candidate of pharmaceutical science (Pharmacology and toxicology)
- **Faculty of pharmacy, Ain shams University, Egypt** **2022**
MSc of pharmaceutical science (Pharmacology and toxicology)
Thesis title: Study of the Neuroprotective effects of glimepiride in an
Experimental model of Tauopathy
- **Pre- master at pharmacology and toxicology department** **2019**
at faculty of pharmacy, **Ain shams university (GPA 3.89)**
- **Faculty of pharmacy, Mansoura University, Egypt** **2016**
B.Sc. in pharmaceutical sciences (excellent with honor) (**ranked 17th (91.19 %)**).

Employment History:

- **Teaching assistant at department of pharmacology and biochemistry,**
faculty of pharmacy, Horus University Egypt **2022 till now**
(HUE) New Damietta
- **Demonstrator at department of pharmacology and biochemistry,**
faculty of pharmacy, Horus University Egypt **2016- 2022**
(HUE) New Damietta

Professional skills:

Research skills:

- Endnote.
- Scientific writing
- In-vivo assays
- Animal Handling specially (mice and rats).

Language skills: Arabic (Mother tongue), English (good command).

Computer skills: Microsoft Office (Word, Excel and PowerPoint), and Prism GraphPad.

Publications:

- Glimepiride ameliorates renal toxicity induced by cadmium in mice: Modulation of Jun N terminal kinase (JNK)/nuclear factor kappa B (NF-κB) and phosphatidylinositol 3-kinases (PI3K)/protein kinase (AKT) pathways. (2022 Dec). *Life Sciences*.
- Glimepiride mitigates tauopathy and neuroinflammation in P301S transgenic mice: role of AKT/GSK3β signaling. (2022 Oct). *Inflammopharmacology*.
- Evaluation of β Amyloids and Tau Protein Biomarkers for Alzheimer's Disease in Serum of Alzheimer Patients (2022). *Clinical Schizophrenia & Related Psychoses*,
- Potential role of Drug Repositioning Strategy (DRS) for management of tauopathy.(2021 Feb). *Life Sciences*.

Conferences and webinars:

- **Jan. 2018:** Basic Life Support, Faculty of pharmacy, Horus University.
- **March.2022:** participant in Tanta university Pharmacists Scientific Conference with poster with senior students with graduation project.
- **March.2022:** Attendance of teaching therapeutic- decision making in pharmacy curricular webinar.
- **May. 2022:** Attendance of the Damietta Pharmacists Scientific Conference.
- **October. 2022:** Attendance of conference entitled with “ **The Global Neurology Forum - Clinical Pathological Case Conference**” which is organized by Global Brain Health Institute (GBHI) and the Global Teleneurology Service (GTS).
- **Jan. 2023:** Attendance of webinar entitled with "**Control of innate immunity in the central nervous system by silyation** ” with *Prof. Dr.haruald Neumann*.
- **October. 2023:** Attendance of webinar entitled with "**Combining 3D Printing and virtual reality: Advanced Technologies To enhance Pharmacy Education and Research**". with *Prof. Dr.Stephen Hilton*.