

Dr. Mai Mahmoud Abdelhamid Morsi

Phone: 01092779344

Email: mai.morsi@yahoo.com

WORK EXPERIENCE

Lecturer 10/2020 – to date

Department of Pharmacology and Toxicology, Faculty of Pharmacy, Assiut University, Egypt.

PhD student 04/2014 – 05/2019.

Institute of Pharmacology, Toxicology and Clinical Pharmacy, TU Braunschweig, Braunschweig (Germany).

Teaching assistant / Assistant lecturer 12/2007 – 10/2020

Faculty of Medicine, Assiut University, Assiut, Egypt.

EDUCATION

Doctor of Natural Sciences (Dr. rer. nat.) 04/2014 – 05/2019

Institute of Pharmacology, Toxicology and Clinical Pharmacy, TU Braunschweig, Germany

Master's degree (M.Sc.) in Pharmaceutical Sciences 12/2007 – 04/2013

Faculty of Pharmacy, Assiut University, Egypt

Bachelor's degree (B.Sc.) in Pharmaceutical Sciences 09/2002 – 06/2007

Faculty of Pharmacy, Assiut University, Assiut, Egypt

LANGUAGES

Arabic: Mother tongue

English: Listening (C2), Reading (C2), Speaking (C2), Writing (C2)

German: Listening (C1), Reading (C1), Speaking (B2), Writing (B2)

List of publications

- Alshafei M, **Morsi M**, Reschke J, Rustenbeck I. The Proton Leak of the Inner Mitochondrial Membrane Is Enlarged in Freshly Isolated Pancreatic Islets. *Biomedicines* 12(8): 1747 (2024).
- Alshafei M, Schulze T, **Morsi M**, Panten U, Rustenbeck I. Short-Term Inhibition of Translation by Cycloheximide Concurrently Affects Mitochondrial Function and Insulin Secretion in Islets from Female Mice. *International Journal of Molecular Sciences* 24(20): 15464 (2023).
- Brüning D, **Morsi M**, Früh E, Scherneck S, Rustenbeck I. Metabolic Regulation of Hormone Secretion in Beta-Cells and Alpha-Cells of Female Mice: Fundamental Differences. *Endocrinology*. 163(10):bqac125 (2022).
- Rustenbeck I, Schulze T, **Morsi M**, Alshafei M, Panten U. What Is the Metabolic Amplification of Insulin Secretion and Is It (Still) Relevant? *Metabolites* 11(6):355 (2021).
- • **Morsi, M.**, Schulze, T., Früh, E., Brüning, D., Panten, U. & Rustenbeck, I. Fresh and cultured mouse islets differ in their response to nutrient stimulation. *Endocrine connection* 9(8):769-782. (2020).
- Schulze, T., **Morsi, M.**, Reckers, K., Brüning, D., Seemann, N., Panten, U. & Rustenbeck, I. Metabolic amplification of insulin secretion is differentially desensitized by depolarization in the absence of exogenous fuels. *Metabolism* 67:1-13 (2017).
- Schulze, T., **Morsi, M.**, Brüning, D., Schumacher, K. & Rustenbeck, I. Different responses of mouse islets and MIN6 pseudo-islets to metabolic stimulation: a note of caution. *Endocrine* 51(3):440-7 (2016).
- Hamdy M. M., El-Sers D. A. & **Morsi M. M.**, Protective effect of curcumin and *Ginkgo biloba* extract against gentamicin induced nephrotoxicity in rats. *Assiut Med. J.* 37(1), 1-12 (2013).