

Curriculum Vitae



- Name: Ghada Ali Mahmoud Ahmed
- Title: Lecturer
- Department: Pharmacology & Toxicology
- E-mail: ghada.ali@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Pharmaceutical Sciences, Suez Canal University, May 2008
- M.Sc. in Pharmaceutical Sciences (Pharmacology & Toxicology), Suez Canal University, June 2015
- Ph.D in Pharmaceutical Sciences (Pharmacology & Toxicology), Cairo University, October 2018

B) Academic promotions:

- Assistant Lecturer, Date:1-10-2015
- Lecturer, Date:29-11-2018

C) Scientific Merit:

- Google Scholar: Ghada Badawi
<https://scholar.google.co.uk/citations?user=xIC2mKwAAAAJ&hl=en&oi=ao>
- Scopes ID:
- Citations:226 h-index: 7 i10-index: 6
- Orcid –N: 0000-0002-0809-1088

D) Academic Administrative Experiences:



- Teaching Students Pharmacology I course for Pharmacy students (Fall & summer 2021 till now).
- Teaching Pharmacology II course for Pharmacy students (Spring 2020 till now).
- Teaching Pharmacology II course for Pharmacy students (Fall 2023).
- Teaching Toxicology and Forensic chemistry course for Pharmacy students (Spring 2023).
- Teaching Biological Screening and Bioassay course for Pharmacy students (Fall 2018 till now).
- Teaching Drug Information Course for Pharmacy students (Fall 2022, and Spring 2023).
- Teaching Basic concepts of biostatistics and data analysis Course for Pharmacy students (Spring 2023).
- Teaching First Aid course for Pharmacy students (Summer 2022 and Spring 2023).
- Teaching Pathophysiology course for Pharmacy students (Summer 2016 till now).
- Teaching Pathology course for Pharmacy students (Spring 2021).
- Teaching Pharmacology I &2 course for Dentistry students (Fall 2022).
- Teaching Pharmacology module 1 and 4 for Medicine students (2022, 2023).
- Teaching drug and Nutrient Interaction for Clinical nutrition students (Spring 2022 till now).
- Teaching Clinical Pharmacology for Nursing students (2010 to 2014).
- Teaching All Practical Courses of Pharmacology 1 &2 for Pharmacy students.
- Teaching Practical Course of Toxicology &forensic chemistry for Pharmacy students.
- Teaching Practical Course of Bioassay and biostatistics for Pharmacy students.

E) Scientific Activities

- Chairman of Teaching and Learning standard in Quality Assurance Unit at Faculty of Pharmacy, Sinai University (2018 to date).
- Educational Advisor of Students families of Sinai University, Arish Campus (September 2019 till now).
- Member of the Egyptian Pharmacists Syndicate

2: Training Courses/workshops:

1. Training workshop on Programs and Courses Description for Higher Education Colleges and Institutes from National Authority for Quality Assurance and Accreditation of Education (2019).
2. Training workshop on External Reference for Higher Education Colleges and Institutes from National Authority for Quality Assurance and Accreditation of Education (2022).
3. Tanta University and The International Centre for Faculty and Leadership Development (TICELD) Quality Standards in Credit Hours program (2022).
4. Tanta University and The International Centre for Faculty and Leadership Development (TICELD) Research Ethics (2022).
5. Tanta University and The International Centre for Faculty and Leadership Development (TICELD) University Management (2022).
6. TOEFL from center for foreign languages and professional translation certifies at Cairo University, score.



7. Presentation and Communication course from Swiss e Learning institute. Publications/
8. Carry out work shop in How to write scientific research paper in Faculty of Pharmacy, Sinai University..

3: Conferences, Seminars and Workshops:

- 1-Participate in 6 International Conference on Natural Toxin at 15-16 December 2014, Ismailia, Egypt
- 2-Participate in the XXXVI International Scientific Conference of Pharmaceutical Science, May 2022 faculty of Pharmacy, Future University.
- 3-Participate in 1st International Conference on Pharmaceutical and Bio-Medical Research at 20-21 March 2022, Kantra, Egypt.

4: Teaching Scopes:

Pharmacology and Toxicology

5: Scientific supervision number:

- 1- PhD supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Mustafa Mohsen shokr.
- 2- PhD supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Yasmina Osama abdo.
- 3- Master supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Mustafa Mohsen shokr.
- 4- Master supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Yasmina Osama abdo.
- 5- Master supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Yasmina Osama abdo.
- 6- Master supervision in Pharmaceutical Sciences (Pharmacology & Toxicology) for Rawan Mahmoud Said.

6: Awards and Certificates of Appreciation:

Highest h-index and citation stuff member in pharmacology and Toxicology as well as Pharmacy practice departments in the first conference of Pharmacology and Toxicology as well as Pharmacy practice, faculty of Pharmacy, Sinai University.

7: Peer reviewing of scientific research/ Projects:

- Reviewer for Life Sciences journal.
- Reviewer for Al-Azhar International Journal.
- Reviewer for Journal of Clinical Pharmacology and Therapeutics (ISSN 2766-8347)”
- Reviewer for Journal of Diabetes, Obesity and Metabolism.

F) Scientific Publications:

1. Azar YO, Badawi GA, Zaki HF, Ibrahim SM. Agmatine-mediated inhibition of NMDA receptor expression and amelioration of dyskinesia via activation of Nrf2 and suppression of

HMGB1/RAGE/TLR4/MYD88/NF- κ B signaling cascade in rotenone lesioned rats. Life Sciences. 2022 Dec 15;311:121049. DOI: <https://doi.org/10.1016/j.lfs.2022.121049>

2. Abo El Gheit RE, Younis RL, El-Saka MH, Emam MN, Soliman NA, El-Sayed RM, Hafez YM, AbuHashish NA, Radwan DA, Khaled HE, Kamel S. Correction: Irisin improves adiposity and exercise tolerance in a rat model of postmenopausal obesity through enhancing adipo-myocyte thermogenesis. Journal of physiology and biochemistry. 2023 Apr 28. DOI: <https://doi.org/10.1007/s13105-022-00915-3>
3. Abo El Gheit RE, Soliman NA, Nagla SA, El-Sayed RM, Badawi GA, Emam MN, Abdel Ghafar MT, Ibrahim MA, Elswaidy NR, Radwan DA, Alshenawy HA. Melatonin epigenetic potential on testicular functions and fertility profile in varicocele rat model is mediated by silent information regulator 1. British Journal of Pharmacology. 2022 Jul;179(13):3363-81. DOI: <https://doi.org/10.1111/bph.15804>
4. Abu-Elfotuh K, Al-Najjar AH, Mohammed AA, Aboutaleb AS, Badawi GA. Fluoxetine ameliorates Alzheimer's disease progression and prevents the exacerbation of cardiovascular dysfunction of socially isolated depressed rats activation of Nrf2/HO-1 and hindering TLR4/NLRP3 inflammasome signaling pathway. International Immunopharmacology. 2022 Mar 1;104:108488. DOI: <https://doi.org/10.1016/j.intimp.2021.108488>
5. Abo El Gheit RE, Soliman NA, Badawi GA, Madi NM, El-Saka MH, Badr SM, Emam MN. Retinoprotective effect of agmatine in streptozotocin-induced diabetic rat model: avenues for vascular and neuronal protection: Agmatine in diabetic retinopathy. Journal of physiology and biochemistry. 2021 May;77:305-20. DOI: <https://doi.org/10.1007/s13105-021-00799-9>
6. El-Sayed RM, El Gheit RE, Badawi GA. Vincamine protects against cisplatin induced nephrotoxicity via activation of Nrf2/HO-1 and hindering TLR4/IFN- γ /CD44 cells inflammatory cascade. Life sciences. 2021 May 1;272:119224. Doi: <https://doi.org/10.1016/j.lfs.2021.119224>
7. Badawi GA, Shokr MM, Zaki HF, Mohamed AF. Pentoxifylline prevents epileptic seizure via modulating HMGB1/RAGE/TLR4 signalling pathway and improves memory in pentylenetetrazol kindling rats. Clinical and Experimental Pharmacology and Physiology. 2021 Aug;48(8):1111-24. DOI: <https://doi.org/10.1111/1440-1681.13508>
8. Abo El gheit RE, Atef MM, Badawi GA, Elwan WM, Alshenawy HA, Emam MN. Role of serine protease inhibitor, ulinastatin, in rat model of hepatic encephalopathy: aquaporin 4 molecular targeting and therapeutic implication. Journal of physiology and biochemistry. 2020 Nov; 76:573-586. DOI: (<https://doi.org/10.1007/s13105-020-00762-0>)
9. Abo El Gheit RE, Atef MM, El Deeb OS, Badawi GA, Alshenawy HA, Elwan WM, Arakeep HM, Emam MN. Unique novel role of adropin in a gastric ulcer in a rotenone-induced rat model of Parkinson's disease. ACS Chemical Neuroscience. 2020 Aug 24;11(19):3077-88. DOI: <https://doi.org/10.1021/acscemneuro.0c00424>
10. Badawi GA, Abd El Fattah MA, Zaki HF, El Sayed MI. Sitagliptin and liraglutide modulate L-dopa effect and attenuate dyskinetic movements in rotenone-lesioned rats. Neurotoxicity Research. 2019 Apr 15;

11. Badawi GA, Abd El Fattah MA, Zaki HF, El Sayed MI. Sitagliptin and liraglutide reversed nigrostriatal degeneration of rodent brain in rotenone-induced Parkinson's disease. *Inflammopharmacology*. 2017 Jun;25: 369-382. Doi: <https://doi.org/10.1007/s10787-017-0331-6>

G) Quality Assurance in Higher Education:

- Chairman of Teaching and Learning standard in Quality Assurance Unit at Faculty of Pharmacy, Sinai University (2018 to date).
- Educational Advisor of Students families of Sinai University, Arish Campus (September 2019 till now).

H) Skills

- Language Skills:

Arabic as a native language and fluent in English (writing, reading, listening & speaking)

- Computer Skills:

1. International Computer Driving Licenses (ICDL).
2. Fundamentals of Digital Transformation Certificate "FDTC" of (Web Editing-Mobile APP).
3. Graph Pad Prism (Statistical analysis program).
4. SPSS (Statistical analysis programs such as: Statistical Package for the Social Sciences).

- Presentation skills:

- Presentation and Communication course from Swiss e Learning institute.

- Other skills:

1. Extensive experience in handling small laboratory animals (rats, mice and rabbits).
2. Immunohistostaining of paraffin-embedded and frozen tissue sections.
3. Photomicrography using light microscopy.
4. Image analysis using image j.
5. Biochemical and molecular techniques.
6. Conventional and real time PCR techniques.
7. Cell culture techniques.
8. Using Non-Invasive blood pressure method of blood pressure measurement.
9. Using isolated organ preparation apparatus.
10. Different animal models in Alzheimer, anxiety, depression, epilepsy, parkinsonism and memory impairments.
11. ELISA techniques.
12. Different routes of injection including intravenous, intravitreal, subcutaneous, intradermal, intramuscular, and intraperitoneal in addition to oral gavage.