

CURRICULUM VITAE

PERSONAL DATA:

- Name: Georgette Magdy Eskander
- E-mail : georgit.magdy21@pharma.asu.edu.eg
- Nationality: Egyptian
- Date of Birth: 7th December 1991
- Marital Status: Married
- Languages:
 - Arabic: Native language
 - English: Excellent command of both written and spoken English
 - French: Good
 - German: Fair
- Computer skills:
 - OS: Windows 7 /10 / 11.
 - Microsoft office tools (Word, Excel, and Power Point).
 - Skilled in using BioRender to create publication-quality scientific visuals, including graphical abstracts, schematics, data visualizations, and multi-panel figures.
 - Proficient in using GraphPad Prism for advanced statistical analysis and data interpretation.
- Hobbies: Reading, Drawing, and Swimming.
- Current position: Teaching Assistant of Biochemistry, Biochemistry Department, Faculty of Pharmacy and Drug technology, Egyptian Chinese University (ECU).



CAREER OBJECTIVES:

Motivated and dedicated pharmacist with a strong academic background and research experience, working as a Teaching Assistant in the Faculty of Pharmacy to inspire and mentor future pharmacists, contribute to high-quality teaching and research activities, and support the advancement of innovative pharmaceutical education.

EDUCATION:

- **M.Sc.**, Biochemistry Department, Faculty of Pharmacy, Ain Shams University, (2021 - 2025).
 - Pre Master CGPA: 3.95 / 4
- **Board of Pharmacy Specialties, bps, October 2018.**
- **B. Sc.**, Pharmacy, Faculty of Pharmacy, Ain Shams University, **May 2013.** (2009 - 2013).
 - The Cumulative Grade: **Excellent (87%) with honor.**
 - The last year grade: **Excellent (89%).**
- **Secondary Education:** Saint Fatima Language School, Nasr City. (2006 - 2008).

RESEARCH INTEREST:

- Mechanisms of cell death and survival pathways
- Chemotherapy-induced cognitive impairment (chemobrain)
- Cancer biology and oncology
- Nanoparticles and nanotechnology for biomedical applications
- Novel strategies for cancer treatment and targeted therapy
- Modulation of chemotherapy resistance mechanisms
- Gene therapy and stem cell-based therapeutic approaches

MASTER'S THESIS:

“The Modulatory Effect of Roflumilast on Cognitive Impairment Induced by Doxorubicin and Cyclophosphamide Combination Therapy in Rats”

LIST OF PUBLICATIONS:

- 1- **Eskander, Georgette**, Abdelhamid, Sherihan G., Wahdan, Sara A., & Radwan, Sara M. (2025, 2025/02/01/). Roflumilast attenuates doxorubicin and cyclophosphamide combination-induced chemobrain in rats through modulation of NLRP3/ASC/caspase-1/GSDMD axis. *Life Sciences*, 362, 123378. <https://doi.org/https://doi.org/10.1016/j.lfs.2025.123378>
- 2- **Eskander, Georgette**, Abdelhamid, Sherihan G., Wahdan, Sara A., & Radwan, Sara M. (2025, 2025/02/10). Insights on the crosstalk among different cell death mechanisms. *Cell Death Discovery*, 11(1), 56. <https://doi.org/10.1038/s41420-025-02328-9>
- 3- AboKhozima, Ahmed, Zidan, Mohamed H., Altabbaa, Hashem, Selim, Aliaa, Alok, Mohammed, Mourad, Mohamed, Elmagd, Ahmed Abo, Elsayed, Mohamed E. G., Emara, Ahmed F., **Eskander, Georgette M.**, & Amer, Samar A. (2025, 2025/01/04). The impact of weight loss after bariatric surgeries on the patient's body image, quality of life, and self-esteem. *Langenbeck's Archives of Surgery*, 410(1), 24. <https://doi.org/10.1007/s00423-024-03568-6>
- 4- Amer, Samar A., Al-Zahrani, Ali, Imam, Esraa A., Ishteiwy, Ehab M., Djelleb, Ines F., Abdullh, Lina R., Ballaj, Dana, Amer, Youmna A., El-Sokkary, Rehab H., Elshabrawy, Arafa M., **Eskander, Georgette**, Shah, Jaffer, Raza, Muhammad Liaquat, Alsafa, Abdulaziz Majed A. Aba, Ali, Hossam Tharwat, & Fawzy, Hebatallah M. (2024, 2024/02/27). Exploring the reported adverse effects of COVID-19 vaccines among vaccinated Arab populations: a multi-national survey study. *Scientific reports*, 14(1), 4785. <https://doi.org/10.1038/s41598-024-54886-0>
- 5- Hamad, Sura H., Musleh, zinah Hashim, Nasir, Kawther M., Hameed, Ashwaq T, & **Eskander, Georgette**. (2024). Resveratrol inhibits Cell Cycle Dynamics, Caspase Activation, and Programmed Cell Death: Implications for Cancer Treatment in MCF-7 Cells". *Egyptian Journal of Veterinary Sciences*, 55(6), 1659-1668. <https://doi.org/10.21608/ejvs.2024.263893.1787>
- 6- Amer, Ahmed A., Amer, Samar A., Badokhon, Amerah, Hammad, Sherif M., Wasfy, Mohamed A., Khan, Misha, Ateyah Al-Harbi, Tahani, Alobaid, Sadah Qamous, **Eskander, Georgette**, Abdel-Azeem, Amro, Alshowair, Abdulmajeed, & Ramadan, Mohamed Sh. (2024). Exploring COVID-19 vaccine adverse events among pregnant women: a cross-sectional study, 2022. *Therapeutic Advances in Vaccines and Immunotherapy*, 12, 25151355241285594. <https://doi.org/10.1177/25151355241285594>
- 7- Hamdy, N. M., **Eskander, G.**, & Basalious, E. B. (2022). Insights on the Dynamic Innovative Tumor Targeted-Nanoparticles-Based Drug Delivery Systems Activation Techniques. *Int J Nanomedicine*, 17, 6131-6155. <https://doi.org/10.2147/ijn.S386037>

SCIENTIFIC ACTIVITIES:

- ✓ Reviewer, BioData Mining (Springer Nature), 5 August 2025.
- ✓ Reviewer, BioData Mining (Springer Nature), 14 June 2025.
- ✓ Reviewer, Journal of Cancer Research and Reviews, June 21, 2025.
- ✓ Reviewer, Open Veterinary Journal, March 24, 2025.
- ✓ Reviewer, Open Veterinary Journal, April 12, 2025.

CONFERENCES:

- ✓ The Annual Scientific Conference of Biochemistry Department FOPASU
8th May 2025.
- ✓ The Annual Scientific Conference of Biochemistry Department FOPASU
9th - 11th May 2024.
- ✓ The 12th Ain Shams International Conference 30th - 31st May 2024.

CONFERENCES ACTIVITIES:

- ✓ Presented an oral presentation at the Annual Scientific Conference of the
Biochemistry Department, Faculty of Pharmacy, Ain Shams University, on
May 8, 2025.

WORKSHOPS:

- ✓ “AFRICA HEALTH EXCON 2024” - How to Be a Digital Marketer
Workshop, 23rd May 2024, Faculty of Pharmacy, Ain Shams University.
- ✓ Nature Research Academies workshop, Logical Manuscript Structure, in
Collaboration with the EKB, 6 February 2022.
- ✓ Nature Research Academies workshop, Effective Academic Writing, in
Collaboration with the EKB, 11 January 2022.

TRAINING AND COURSES:

- ✓ Scholarly publishing in indexed journals for MSc. Students, 27, and 28 January 2025.
- ✓ Stanford Introduction to Food and Health course offered by Stanford University on Coursera, October 2024.
- ✓ Meta-analysis, Trust Research Center, 22, 23, and 29 July 2022 (9 hours).
- ✓ Fundamental Principles and Applications of Nanoscience and Nanotechnology, British University in Egypt, 16 July 2022 to 19 July 2022 (20 hours).
- ✓ Stem Cells: Isolation, culture and characterization techniques, Nawah Scientific, 28, 29, and 31 May 2022 (21 hours).
- ✓ Clinical Pharmacy (Pharmacotherapy) Diploma January 2017 to January 2018.