

# Curriculum Vitae



## I- Personal information:

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|-----------------------------------|---|
| 1) Full Name:                     | ▪ Amira Ahmed Mohammed said El-Gazar  |
| 2) Title:                         | ▪ Lecturer  |
| 3) Nationality:                   | ▪ Egyptian  |
| 4) Date of birth:                 | ▪ 25/6/1988   |
| 5) Place of birth:                | ▪ Ayat , Giza, Egypt.   |
| 6) Marital status:                | ▪ Married   |
| 7) Address:                       | ▪ Faculty of Pharmacy, October 6 University   |
| 8) E-Mail:                        | ▪ <a href="mailto:amira.ahmed@o6u.edu.eg">amira.ahmed@o6u.edu.eg</a>  |
| 9) H-Index (according to Scopus): | ▪ Four  |
| 10) Website:                      | ▪ <a href="https://scholar.google.com/citations?user=TRhXFEsAAAAJ&amp;hl=ar">https://scholar.google.com/citations?user=TRhXFEsAAAAJ&amp;hl=ar</a> |
| 11) ORCID:                        | ▪ 0000-0002-8372-4682   |
| 12) Scopus author ID:             | ▪ 57208305210   |

## II- Education:

- **2005:2010**  
Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, October 6 University, Egypt. Grade: Excellent with Honors (1<sup>st</sup> position).
- **2012:2015**  
Master's degree in Pharmaceutical Sciences (pharmacology), Faculty of Pharmacy, Al-Azhar University.
- **2016:2019**  
Degree of Doctor of Philosophy in Pharmaceutical Sciences (Pharmacology & Toxicology), Faculty of Pharmacy, Al-Azhar University.

## III- Professional occupations:

**Demonstrator:** Pharmacology and Toxicology Department, October 6 University, 2012-2014

**Assistant lecturer :**Pharmacology and Toxicology, October 6 University, 2015-2019.



**Assistant professor(Lecturer):** Pharmacology and Toxicology, October 6 University, 2019 till now.

#### IV- Experience:

##### a) Teaching experience:

Undergraduate  
-Pharmacology (1)  
-Pharmacology (2)  
-Pharmacology (3)  
-Toxicology  
-Poison and drug information  
- clinical pharmacology  
- clinical pharmacy  
- applied therapeutics  
- Clinical Pharmacokinetics  
Bioassays  
Postgraduate: none

##### b) Research experience and list of publications:

- Role of oxidative stress in traumatic brain injury
- Morin post-treatment confers neuroprotection in a novel rat model of mild T repetitive traumatic brain injury by targeting dementia markers, APOE, autophagy and Wnt/ $\beta$ -catenin signaling pathway
- Further insights for the role of Morin in mRTBI: Implication of non-canonical Wnt/PKC- $\alpha$  and JAK-2/STAT-3 signaling pathways
- Topical Nano Clove/Thyme Gel against Genetically Identified Clinical Skin Isolates: In Vivo Targeting Behavioral Alteration and IGF-1/pFOXO-1/PPAR  $\gamma$  Cues
- Mentha pulegium L. (Pennyroyal, Lamiaceae) Extracts Impose Abortion or Fetal-Mediated Toxicity in Pregnant Rats; Evidenced by the Modulation of Pregnancy Hormones, MiR-520, MiR-146a, TIMP-1 and MMP-9 Protein Expressions, Inflammatory State, Certain Related Signaling Pathways, and Metabolite Profiling via UPLC-ESI-TOF-MS
- Galangin mitigates DOX-induced cognitive impairment in rats: Implication of NOX-1/Nrf-2/HMGB1/TLR4 and TNF- $\alpha$ /MAPKs/RIPK/MLKL/BDNF
- Possible Implication of Nrf2, PPAR- $\gamma$  and MAPKs Signaling in the Protective Role of Mangiferin against Renal Ischemia/Reperfusion in Rats
- Neuroprotective role of microbial biotransformed metabolites of sinapic acid on repetitive traumatic brain injury in rats
- Enhanced Wound Healing Potential of Spirulina platensis Nanophytosomes: Metabolomic Profiling, Molecular Networking, and Modulation of HMGB-1 in an Excisional Wound Rat Model
- Brij® integrated bilosomes for improving the transdermal delivery of niflumic acid for effective treatment of osteoarthritis: In vitro characterization, ex vivo permeability assessment, and in vivo study
- Gastroprotective potential of red onion (Allium cepa L.) peel in ethanol-induced gastric injury in rats: Involvement of Nrf2/HO-1 and HMGB-1/NF- $\kappa$ B trajectories



	<ul style="list-style-type: none"><li>▪ Unlocking the Power of Onion Peel Extracts: Antimicrobial and Anti-Inflammatory Effects Improve Wound Healing through Repressing Notch-1/NLRP3/Caspase-1 Signaling</li></ul>
<b>c) Training and Attendance of conferences :</b>	<p><b>Conferences</b></p> <ul style="list-style-type: none"><li>- The 5<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University.</li><li>- 1<sup>st</sup> ACU international conference of pharmaceutical sciences on new trends in pharmaceutical and medical research (NTPMP)</li><li>- Save the earth conference, faculty of pharmacy, Ahram Canadian University, March 20, 2023</li></ul> <p><b>Workshops</b></p> <ul style="list-style-type: none"><li>- <b>Intended learning outcomes (ILOs) and curriculum mapping cycle outputs</b></li><li>- <b>Developing the skills and capabilities of faculty members and their assistants</b></li><li>- <b>Introduction to credit hours and academic advising</b></li><li>- <b>Examination and evaluation of students' systems</b></li><li>- <b>Logic manuscript structure</b></li><li>- <b>Journal editor 2</b></li><li>- <b>Molecular Docking</b></li></ul>
<b>V- Awards:</b>	<ul style="list-style-type: none"><li>▪ None</li></ul>
<b>VI- Memberships in the committee:</b>	<ul style="list-style-type: none"><li>▪ None</li></ul>
<b>VII- Other activities:</b>	<ul style="list-style-type: none"><li>▪ None</li></ul>