

Curriculum Vitae



I- Personal information:	
1) Full Name:	▪ Soad Zakaria El-Emam
2) Title:	▪ Associate Professor
3) Nationality:	▪ Egyptian
4) Date of birth:	▪ 15 November 1979
5) Place of birth:	▪ Kuwait
6) Marital status:	▪ Married
7) Address:	▪ Faculty of Pharmacy, October 6 University
8) E-Mail:	▪ soadzakaria@o6u.edu.eg
9) H-Index (according to Scopus):	▪ 9
10) Website:	▪ https://www.scopus.com/authid/detail.uri?authorId=57208705966
11) ORCID:	▪ 0000-0003-3712-4659
12) Scopus author ID:	▪ 57208705966
II- Education:	<ul style="list-style-type: none"> • Bachelor of Pharmaceutical Science Faculty of Pharmacy, Six October University, 2001 • Master's degree in Pharmaceutical Science Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University, 2009. • Ph.D in Pharmaceutical Science, Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University, 2014
III- Professional occupations:	<ul style="list-style-type: none"> • Working as a Lecturer in Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Egypt from September 2014 to till 2021. • Working as Associate Professor and Acting Head of Pharmacology & Toxicology Department from September 2021 till date.



- Working as a member in **Teaching and learning Standardization**, Faculty of Pharmacy, October 6 University from September 2015 to till 2020.
- Working as an Assistant lecturer in Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Egypt from October 2009 to July 2014.
- Working as a Demonstrator in Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Egypt from October 2001 to August 2009.

IV- Experience:

a) Teaching experience:

Teaching and participating in the academic education courses for undergraduates in the following courses:

- Pharmacology 1, 2015 till date.
- Pharmacology 2
- Toxicology and Forensic chemistry
- Clinical Pharmacy and Therapeutics 1, From 2017 till 2021
- Clinical Oncology, 2020

b) Research experience and list of publications:

- Practical experience in **Cancer Biology Research Laboratory** at **National Research center**, Cairo, Dokki.
- Experience in laboratory work including running ELISA, Molecular biology as DNA extraction, RNA extraction, cDNA synthesis, gel electrophoresis & PCR.
- List of publications:

Soad Zakaria, Amira M Gamal-Eldeen, Sherien M El-Daly, Samira Saleh. Synergistic apoptotic effect of Doxil® and aminolevulinic acid-based photodynamic therapy on human breast adenocarcinoma cells. *Photodiagnosis and photodynamic therapy*, 2014 (11), 227-238

Ahmed M. Fayez, **Soad Zakaria**, Dina Moustafa, Alpha lipoic acid exerts antioxidant effect via Nrf2/HO-1 pathway activation and suppresses hepatic stellate cells activation induced by methotrexate in rats, **Biomedicine & Pharmacotherapy**, 2018 (105) 428-433. Impact Factor: 3.7.

Azza A. Ali, Dina M. Abo El-Ella, **Soad Z. El-Emam**, Amal S. Shahat, Rehab M. El-Sayed, Physical & mental activities enhance the neuroprotective effect of vinpocetine & coenzyme Q10 combination against Alzheimer & bone remodeling in rats, **Life Sciences**. 229 (2019) 21–35. Impact Factor: 3.647.

Alaadin El-Sayed El-Haddad, Amr Mohammed Saadeldeen and **Soad Zakaria El-Emam**, Anti-angiogenic Activity of Major Phenolics in Tamarind Assessed with Molecular Docking Study on VEGF Kinase Proteins, **Pakistan Journal of Biological Sciences**.

Shaimaa G. Ibrahim, **Soad Z. El-Emam**, Eman A. Mohamed, Mohamed F. Abd Allah, Dimethyl fumarate and curcumin attenuate hepatic ischemia/reperfusion injury via Nrf2/HO-1 activation and anti-



inflammatory properties, **International Immunopharmacology**. 80 (2020) 106131 (Q1).

Soad Z. El-Emam, Ayman A. Soubh, Asmaa K. Al-Mokaddem & Dina M. Abo El-Ella, Geraniol activates Nrf-2/HO-1 signaling pathway mediating protection against oxidative stress-induced apoptosis in hepatic ischemia-reperfusion injury, *Naunyn-Schmiedeberg's Archives of Pharmacology*, (Q3)

Soad Z. El-Emam, Gallic Acid Protects Lung Cells Against Cyclophosphamide-induced Toxicity via Regulating RAGE/NF- κ B/autophagy Signaling. **Journal of Advanced Pharmacy Research**, 2020, 4 (4)

Samir M. Osman, Nahla A. Ayoub, Safaa A. Hafez, Haitham A. Ibrahim, Mohamed A. El Raey, **Soad Z. El-Emam**, Ahmed A. Seada, Amr M. Saadeldeen. Aldose reductase inhibitor from *Cassia glauca*: A comparative study of cytotoxic activity with Ag nanoparticles (NPs) and molecular docking evaluation, *Plos One*, 2020

Soad Z. El-Emam, Sesamol alleviates the cytotoxic effect of cyclophosphamide on normal human lung WI-38 cells via suppressing RAGE/NF- κ B/autophagy signaling. **Natural Products and Bioprospecting Journal**, DOI:10.1007/s13659-020-00286-6

E El-Haddad, S Saad A, **El-Emam SZ**, A Amer A. Correlation of Chillies Capsaicinoids Contents with their Cytotoxic Effects against Hepatocarcinoma Cells. *Pakistan Journal of Biological Sciences : PJBS*, 01 Jan 2021, 24(2):219-226. DOI: 10.3923/pjbs.2021.219.226 PMID: 33683051

Shereen S El-Mancy, Alaadin E El-Haddad, Walaa A Alshareef, Amr M Saadeldeen, **Soad Z El-Emam**, Osama S Elnahas. Enhancement of Antimicrobial and Antiproliferative Activities of Standardized Frankincense Extract Using Optimized Self-Nanoemulsifying Delivery System. *Sci. Pharm.* 2021, 89(3), 36; <https://doi.org/10.3390/scipharm89030036>.

Soad Z El-Emam, Dina Moustafa Abo El-Ella, Sahar M Fayez, Mohsen Asker, Jilan A Nazeam. Novel dandelion mannan-lipid nanoparticle: Exploring the molecular mechanism underlying the potent anticancer effect against non-small lung carcinoma. *Journal of Functional Foods*, 2021, 87: 104781

Karema Abu-Elfotuh, Furqan H. Hussein, Ashwaq Najemaldeen Abbas, Mohammed Dakhil Al-Rekabi, Samia S. Barghash, Sameh S. Zaghlool, **Soad Z. El-Emam**. Melatonin and zinc supplements with physical and mental activities subside neurodegeneration and hepatorenal injury induced by aluminum chloride in rats: Inclusion of GSK-3 β -Wnt/ β -catenin signaling pathway. *Journal of NeuroToxicology*, 2022 May 5;91:69-83. doi: 10.1016/j.neuro.2022.05.002

Rafik Mounir, Walaa A Alshareef, Eman A El Gebaly, Alaadin E El-Haddad, Abdallah M Said Ahmed, Osama G Mohamed, Eman T Enan, Shaimaa Mosallam, Ashootosh Tripathi, Heba Mohammed Refat M Selim, Sarah I Bukhari, Rihaf Alfaraj, Ghada M Ragab, Amira A El-Gazar, Soad Z El-Emam. Unlocking the Power of Onion Peel Extracts: Antimicrobial and Anti-Inflammatory Effects Improve Wound Healing through Repressing Notch-1/NLRP3/Caspase-1 Signaling. *Pharmaceuticals*, 2023, 16(10), 1379; <https://doi.org/10.3390/ph1610137>



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<p>c) Training and Attendance of conferences :</p>	<p>Attended the 3rd FUE International Conference of Pharmaceutical Science, for the poster presentation entitled “Photodynamic Therapy and Doxorubicin: Synergistic effect in human breast cancer” on February 9th -11th, 2015</p> <p>Poster presentation at the 2nd International Conference of the Faculty of Pharmacy, Ahram Canadian University “Challenges in Future Pharmaceutical Trends” on November 14th – 15th, 2018.</p> <p>E-Learning Design for University Teaching and Learning workshop” ، بتنظيم كلية الهندسة – جامعة الأزهر ، بتاريخ ٢٣/٦/٢٠٢٠.</p> <p>Diploma in preparing a professional trainer, on March 8th – June 8th, 2022, Excellent Grade. Afforded by London Academy for Development and Consultant.</p>
<p>V- Awards:</p>	<ul style="list-style-type: none">▪ The International Publishing Award for 2022 is presented by 6th of October University.
<p>VI- Memberships in the committee:</p>	<ul style="list-style-type: none">▪ Member of the Research Ethics Committee in October 6 University.
<p>VII- Other activities:</p>	<ul style="list-style-type: none">▪ The principal of Cell Culture Unit, Faculty of Pharmacy, October 6 University from September 2017 to till date