



Curriculum Vitae

Personal Information

Name: Suzy Abd El-Hakeem El-Demerdash El-Sherbeni

Address: Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Tanta 31527, Egypt.



June 27th, 2022- present: Associate professor of pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

November 30th, 2015: Doctor of Philosophy degree of Pharmaceutical Sciences (Pharmacognosy), Faculty of Pharmacy, Tanta University, Egypt.

February 27th, 2010: Master's degree of Pharmaceutical Sciences (Pharmacognosy), Faculty of Pharmacy, Tanta University, Egypt.

May 2000: Bachelor's degree of Pharmaceutical Sciences (excellent with honor degree and ranking the fourth), Faculty of Pharmacy, Tanta University, Egypt.

Employment Record

June 27th 2022- present: Associate Professor of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

December 31th, 2015: Lecturer of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

April 24th, 2010: Assistant Lecturer of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

February 22th, 2001: Instructor, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.



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Administrative Positions

-**Member of the council of the Department** of Pharmacognosy (December 31th 2015-present).

-**Member of the student affairs committee:** September 2019- September 2020, then from September 2022-present.

- **Director of the Measurement and Evaluation Unit** at the Faculty of Pharmacy, Tanta University, from 13/9/2023-present. All members of this unit are working to develop the unit in a way that is appropriate for carrying out the various tasks and ensuring continuous and effective evaluation of students in the various courses of all departments in accordance with the directives of the Measurement and Evaluation Center in the Higher Education Projects Development Unit. Besides working to develop faculty members through various workshops regarding the teaching methods and the continuous evaluation of the educational process.

- **Head of third level control** (clinical pharmacy) for undergraduate students.

-**Head of Professional Master of Pharmaceutical Management Control** of Postgraduate Studies from the academic year 2023/2024-present.

Teaching Experience and Teaching-Related Activities

- Contribution to the preparation, teaching and assessment (both oral and written examinations) of several courses (e.g., medicinal chemistry, pharmacognosy for first, second- and third year, pharmacognosy-1, pharmacognosy-2 and phytochemistry) of different university's regulations as pharm D and clinical programs of undergraduate pharmacy students at Faculty of Pharmacy, Tanta University, Egypt.



- Supervising laboratory sessions of medicinal chemistry, pharmacognosy for first, second- and fourth year, and phytochemistry of undergraduate pharmacy students at Faculty of Pharmacy, Tanta University, Egypt.
- Contribution to supervising seminars of postgraduate pharmacy students affiliated to Pharmacognosy Department (master's degree) at Faculty of Pharmacy, Tanta University, Egypt.
- Contribution to develop and update different courses as Pharmacognosy-2, Complementary and Alternative Therapy and Marine Natural products.
- Contribution in putting courses specifications, courses reports and exams assessment.
- Supervising on master thesis of Pharmacognosy Department, Faculty of Pharmacy, Tanta University.
- Assignment and teaching at the College of Pharmacy, Al Salam University, and participation in establishing the Department of Pharmacognosy. I am basically sharing developing an integrated study plan for the different curricula, setting course descriptions, and supervising theoretical lectures and practical sessions. I also work on developing theoretical and practical exams and a table of specifications (blueprint) in accordance with the course descriptions and taking into account the requirements of the examination paper for the Measurement and Evaluation Center in the Higher Education Projects Development Unit.

Research Interests and Experience

- Search for biologically active natural products through biologically guided fractionation (cytotoxic, anti-inflammatory, anti-microbial, etc...).



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- Isolation and purification of different natural compounds from their plant sources (Iridioids, terpenes, flavonoids, anthraquinones, biflavonoids and other compounds).
- Structure elucidation of natural compounds using UV, IR, MS and NMR spectroscopy.
- Participation in reviewing several international research articles for scientific journals with Q1 and Q2 coefficients as:

MDPI Journals (Molecules, Current issues in Molecular Biology)

Springer Nature journals (Histochemistry and Cell Biology)

Cell Press (Heliyon)

Taylor & Francis journals (Pharmaceutical Biology)

M.Sc. Thesis Entitled “Pharmacognostical Studies of *Plumeria acutifolia* Poir Growing in Egypt”.

Plumericin as a pure substance showed potent anti-fungal activity, while plumieride showed the best analgesic effect. The supervisory committee was composed of Prof. Dr. Souzan M. Ibrahim, Prof. Dr. Amal Kabbash and Dr. Eman Zalat. Thesis had been approved by the examination committee on 3/2/2010.

Ph.D. Thesis: Entitled “A Phytochemical and Biological Investigation of *Cassia nodosa* Buch.-Ham. ex Roxb. Growing in Egypt”

The supervisory committee was composed of Prof. Dr. Souzan M. Ibrahim, Prof. Dr. Abdel-Rahim S. Ibrahim, Prof. Dr. Kamilia Abou El Seoud. Thesis had been approved by the examination committee on 24/10/2015.



Publications List

- 1- **El-Sherbeni SA**, Moustafa SM, Kabbash A., Zalat E., and Badria FA. Bioactivity and Phytochemical Investigation of *Plumeria acutifolia* Poir Growing in Egypt., Alex J. Pharm. Sci., 26(1), 3-12 (2012).
- 2- **El-Sherbeni SA**, Moustafa SM, Ibrahim AR, El Seoud KA, Badria FA. Anti-oxidant and cytotoxic activities of *Cassia nodosa* Buch.-Ham. Ex Roxb. and some of its pure constituents. African Journal of Pharmacy and Pharmacology. 2014 Jun 8;8(21):586-97.
- 3- **El-Sherbeni SA**, Moustafa SM, Ibrahim AR, Abou El-Seoud KA. A New Clerodane Diterpene, Flavonoids and Sterols from *Cassia nodosa* Growing in Egypt: Anti-inflammatory Activity of Plant Extracts. Journal of Pharmaceutical Sciences and Research. 2016 Sep 1;8(9):1034.
- 4- El-Sayed AB., **El-Sherbeni SA**. Efficacy of *Cassia nodosa* extracts in the management of cercospora leaf spot of sugar beet caused by *Cercospora beticola*. Chemistry research Journal, 2017, 2(4):158-170.
- 5- **El-Sherbeni SA**, Al-Ashmawy GM. Assessment of renoprotective effect of *Physalis pubescens* L. & *Plumeria acutifolia* Poir: flavonoids from *P. pubescens* L. leaves. Journal of Pharmaceutical Sciences and Research. 2020;12(1):138-46.
- 6- Al-Ashmawy GM, **El-Sherbeni SA**. Protective effect of *Cupressus macrocarpa* and *Dioon edule* against gentamicin-induced nephrotoxicity in rats. Journal of Pharmacy & Pharmacognosy Research. 2020;8(5):434-48.
- 7- **El-Sherbeni SA**, Al-Ashmawy GM. Myricitrin from *Physalis pubescens* L. leaves and frankincense decrease resistance of MCF-7 cells and ameliorate efficacy of epirubicin. Journal of Pharmacy & Pharmacognosy Research. 2021;9(4):497-508.



8- Attallah NG, Negm WA, Elekhrawy E, Elmongy EI, Altwaijry N, El-Haroun H, El-Masry TA, **El-Sherbeni SA**. Elucidation of phytochemical content of *Cupressus macrocarpa* leaves: in vitro and in vivo antibacterial effect against methicillin-resistant *Staphylococcus aureus* clinical isolates. *Antibiotics*. 2021 Aug;10(8):890.

9- Alotaibi B, Negm WA, Elekhrawy E, El-Masry TA, Elseady WS, Saleh A, Alotaibi KN, **El-Sherbeni SA**. Antibacterial, Immunomodulatory, and Lung Protective Effects of *Boswellia dalzielii* Oleoresin Ethanol Extract in Pulmonary Diseases: In Vitro and In Vivo Studies. *Antibiotics*. 2021 Dec;10(12):1444.

10- Elmongy EI, Negm WA, Elekhrawy E, El-Masry TA, Attallah NG, Altwaijry N, Batiha GE, **El-Sherbeni SA**. Antidiarrheal and Antibacterial Activities of Monterey Cypress Phytochemicals: In Vivo and In Vitro Approach. *Molecules*. 2022 Jan;27(2):346.

11- Attallah NG, **El-Sherbeni SA**, El-Kadem AH, Elekhrawy E, El-Masry TA, Elmongy EI, Altwaijry N, Negm WA. Elucidation of the Metabolite Profile of *Yucca gigantea* and Assessment of its Cytotoxic, Antimicrobial, and Anti-Inflammatory Activities. *Molecules*. 2022 Jan;27(4):1329.

12- Alorabi M, Mohammed DS, Mostafa-Hedeab G, **El-Sherbeni SA**, Negm WA, Mohammed AI, Al-Kuraishy HM, Nasreldin N, Alotaibi SS, Lawal B, Batiha GE. Combination treatment of omega-3 fatty acids and vitamin C exhibited promising therapeutic effect against oxidative impairment of the liver in methotrexate-intoxicated mice. *BioMed Research International*. 2022 Apr 20;2022.

13- Binsuwaidan R, Sultan AA, Negm WA, Attallah NG, Alqahtani MJ, Hussein IA, Shaldam MA, **El-Sherbeni SA**, Elekhrawy E. Bilosomes as nanoplatform for oral delivery and modulated *in vivo* antimicrobial activity of lycopene. *Pharmaceuticals*. 2022 Aug 24;15(9):1043.



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- 14- Elekhrawy E, Negm WA, **El-Sherbeni SA**, Zayed A. Assessment of drugs administered in the Middle East as part of the COVID-19 management protocols. *Inflammopharmacology*. 2022 Aug 26;1-20.
- 15- Batiha GE, Al-Kuraishy HM, Al-Gareeb AI, Youssef FS, **El-Sherbeni SA**, Negm WA. A perspective study of the possible impact of obeticholic acid against SARS-CoV-2 infection. *Inflammopharmacology*. 2023 Feb;31(1):9-19.
- 16- EL-Shial EM, Kabbash A, El-Aasr M, Elekhrawy E, **El-Sherbeni SA**. GC-MS Analysis of Bioactive Compounds of *Gardenia thunbergia* Thunb. Leaves and Antibiofilm Potential against *Staphylococcus aureus* Clinical Isolates. *Journal of Advanced Medical and Pharmaceutical Research*. 2023 Jan 4.
- 17- **El-Sherbeni SA**, Negm WA. The wound healing effect of botanicals and pure natural substances used in *in vivo* models. *Inflammopharmacology*. 2023 Apr;31(2):755-72.
- 18- Binsuwaidan R, Negm WA, Elekhrawy E, Attallah NG, Ahmed E, Magdeldin S, Moglad E, Mostafa SA, **El-Sherbeni SA**. In Vitro Antiviral Effect and Potential Neuroprotection of *Salvadora persica* L. Stem Bark Extract against Lipopolysaccharides-Induced Neuroinflammation in Mice: LC-ESI-MS/MS Analysis of the Methanol Extract. *Pharmaceuticals*. 2023 Mar 6;16(3):398.
- 19-Al-Ashmawy GM, **El-Sherbeni SA**, Ali DA, Abo-Saif MA. Chemotherapeutic effect of baicalein/epirubicin combination against liver cell carcinoma in-vitro: Inducing apoptosis and autophagy. *Toxicology in Vitro*. 2024 Mar 1;95:105744.
- 20-Alqahtani J, Negm WA, Elekhrawy E, Alqahtani MJ, Moglad E, Ibrahim S,



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El-Sherbeni SA. Outlining the Phytoconstituents of Greek Clover Herb Extract and Assessment of Its Effect against Foodborne Infections Caused by *Salmonella typhimurium*. *Pharmaceuticals*. 2024 Feb 18;17(2):259.

22-Al-Kuraishy HM, Fahad EH, Al-Windy S, **El-Sherbeni SA,** Negm WA, Batiha GE. The effects of cholesterol and statins on Parkinson's neuropathology: a narrative review. *Inflammopharmacology*. 2024 Mar 18:1-9.

Supervision of Thesis

- 1- Pharmacognostical and Biological Studies on *Pinus halepensis* Mill. Growing in Egypt, (for master's degree), Mai Gamal Salama: 2017.
- 2- Phytochemical and Biological Studies on *Gardenia thunbergia* Thunb. Growing in Egypt, (for master's degree), Eman Mamdoh Fathy Alshial: 2018.
- 3- Phytochemical and Biological Studies on *Cycas Pectinata* Buch.-Ham. Growing in Egypt, (for master's degree), Menna Moataz Sedeek Gomaa: 2018.
- 4- A Phytochemical and Biological Study of *Abelmoschus esculentus* L. Leaves, Family Malvaceae Cultivated in Egypt, (for master's degree), Heba Ibrahim Ghanem: 2019.
- 5- Comparative phytochemical and biological study on *Vitis vinifera* leaves varieties King ruby, Crimson and Thompson cultivated in Egypt, (for master's degree), Gehad Salah Mohamed Ahmedy: 2020.
- 1- Phytochemical and Biological Studies on of *Encephalartos ferox* G.Bertol. and *Encephalartos kisambo* Faden & Beentje Family *Zamiaceae* Cultivated in Egypt, (for master's degree), Samira Sobhy Ali El-Far: 2021.
- 2- Phytochemical and Biological Investigations of *Cucurbita moschata* Duchesne Family Cucurbitaceae Cultivated in Egypt and study of its Associated Fungal Endophytes, (for master's degree), Dina Ahmed Ramadan Swailam: 2025.



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