Curriculum vitae

Personal & Contact Details

- Name: Hebatalla Moustafa Elgendy
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Education

- PhD (2023) in Pharmacy (Pharmacognosy) Dissertation entitled (Phytochemical and biological studies on some plants belong to family Zamiaceae cultivated in Egypt).
- M.Sc. (2015) in Pharmacy (Pharmacognosy) Dissertation entitled (Pharmacognostical study of *Fragaria* x *ananassa* Dush. growing in Egypt).
- B.Sc. (2006, Excellent honour) in pharmaceutical sciences, Faculty of Pharmacy, Tanta University, Egypt.

Professional and Academic Experience:

- 2023- present: Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.
- 2015-2023: Assistant Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.
- 2006-2015: Demonstrator (Teaching Assistant), Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

Institutional service & committee memberships:

- Member of the Department Council, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University (2024 - Present).
- Member of the Student Affairs Committee, Faculty of Pharmacy, Tanta University (2025-2026).

Practical and Research Experience:

- Isolation, purification, characterization, and structure elucidation of bioactive natural products from medicinal plants.
- Biological evaluation of secondary metabolites (antioxidant, antimicrobial, anti-inflammatory, and cytotoxic activities).
- Application of modern chromatographic techniques (HPLC, LC-MS) in natural product analysis.
- Identification of the isolated compounds by different spectroscopic methods as ^{1}H and ^{13}C-NMR, IR, UV and MS.
- Handling of equipments such as HPLC, spectrophotometer, incubator, autoclaves, oven, water baths, shakers, centrifuges, laminar flow, light microscopes, and infrared instruments.
- Very good experience in using structure drawing programs especially Chem Draw program.

Teaching Experience and Teaching-Related Activities:

- Contribution to the preparation, teaching, and assessment (practical, oral and written examinations) of practical and theoretical courses in Medicinal plants, Pharmacognosy, Phytochemistry, Herbal Medicine, Phytotherapy, Chromatography, and Complementary and alternative medicinal therapies for undergraduate pharmacy students as well as clinical pharmacy students at the Faculty of Pharmacy, Tanta University, Egypt.
- Supervising laboratory sessions to undergraduate pharmacy students as well as clinical pharmacy students at the Faculty of Pharmacy, Tanta University, Egypt.
- Supervision of undergraduate graduation projects and mentoring students during practical lab sessions at the Faculty of Pharmacy, Tanta University, Egypt.
- Supervision of graduation projects at the Faculty of Pharmacy, Tanta University, Egypt.

Scientific Publications:

- Pharmacognostical and biological investigation of *Dioon holmgrenii* De Luca, Sabato & Vázq.Torres, *Dioon mejiae* Standl. & L.O.Williams, and *Dioon meorlae* De Luca, Sabato & Vázq.Torres cultivated in Egypt. Journal of Advanced Medical and Pharmaceutical Research, May 2022.