Curriculum Vitae

Pharmacognosy Department | Faculty of Pharmacy, Tanta University

PERSONAL INFORMATION

Full name: Eslam Mohamed Gamal Abdelkader Mohamed Elfar
Date of birth: 29/9/1994
Department: Pharmacognosy Department
Faculty: Faculty of Pharmacy, Tanta University, Tanta, Egypt
Title : Teaching assistant
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Marital status :married with 3 children

ACADEMIC QUALIFICATIONS

- Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, Tanta University, Egypt, 2017. [Excellent with honor]
- M.Sc. in Pharmaceutical Sciences (Pharmacognosy). Thesis: “Phytochemical and Biological Studies on Typha domingensis Pers. Growing in Egypt.” [2024]

EMPLOYMENT HISTORY

- Assistant Lecturer, Pharmacognosy Department, Faculty of Pharmacy, Tanta University, Egypt. [2024]
- Demonstrator, Pharmacognosy Department, Faculty of Pharmacy, Tanta University, Egypt. [2018]

TEACHING EXPERIENCE

- Teaching and laboratory support in Pharmacognosy and Phytochemistry for undergraduate pharmacy students.
- Preparation and explanation of practical laboratory procedures, qualitative phytochemical tests, and laboratory safety instructions.

RESEARCH EXPERIENCE

- Phytochemical investigation of medicinal plants and natural sources.
- Evaluation of antimicrobial activity of plant extracts.
- Pharmacognostical and biological investigation of medicinal plants.
- Extraction, preliminary phytochemical screening, and biological evaluation of plant materials.
- Isolation and structure elucidation of active constituents from natural sources.
- Analysis of compounds using HPLC and GC.
- Identification of compounds by LC-MS/MS and GC/MS
- Microscopic and phytochemical identification of medicinal plants.

RESEARCH INTERESTS

- Phytochemistry and natural products.
- Pharmacognostical investigation of medicinal plants.

- GC–MS-based chemical profiling of plant extracts.
- Antimicrobial evaluation of natural products.
- isolation, identification, and biological evaluation of plant secondary metabolites.

PUBLICATIONS

Elfar, E., Abo El-Seoud, K. A., Shoeib, N. A., & Attia, G. (2025). GC-MS analysis and antimicrobial activity *of Typha domingensis* Pers. aerial parts. Journal of Advanced Medical and Pharmaceutical Research, 6(1), 10–21. https://doi.org/10.21608/jampr.2024.325839.1082

TECHNICAL SKILLS

- Phytochemical screening and pharmacognostical evaluation .
- GC–MS data and LC interpretation.
- Microsoft Word, PowerPoint, and Excel .

Contribution to Community

- Participation in summer training program for undergraduate pharmacy students of the Faculty of Pharmacy, Tanta University.