

Rania Mohamed El-Anwar

Assistant lecturer

Mobile No.: - +201155990475

email: rania_elanwar@pharm.tanta.edu.eg

Married



Experience

- **Assistant lecturer, Faculty of Pharmacy, Tanta University** (2016-present).
- **Demonstrator, Faculty of Pharmacy, Tanta University** (2010–2016).

Participated in teaching practical; Botany, Pharmacognosy 1, 2, Phytochemistry 1, 2, Applied Pharmacognosy and complementary and alternative medicine.

Education

- **Faculty of Pharmacy, Tanta University** (2004 – 2009)

B.Sc. Pharmaceutical sciences graduated 7th on my class with general grade of excellent with honour.

- **Faculty of Pharmacy, Tanta University** (2012-2016)

Master's degree in Pharmaceutical Sciences (Pharmacognosy).

“Phytochemical and Biological Studies on the Plant *Persicaria salicifolia* (Brouss. Ex. Willd.) Assenov, (Zelfa) Growing in the Nile Delta, Egypt”

- **Faculty of Pharmacy, Tanta University** (2019- present)

Ph. D. candidate at Faculty of Pharmacy, Health Science Centre, Kuwait, under co-supervision program.

Passed Ph. D. qualifying exam July 2023 with honour.

“Biotransformation of Some Simple Terpene Indole Alkaloids.”

Language:

Arabic (native), English excellent spoken and written.

Computer skills

- Microsoft Office applications (Word, Excel, PowerPoint).
- Chemdraw, MestReNova, Autodock 4. 2. 6, Biovia Discovery Studio.

Academic skills:

- Good communication skills, designing and delivering seminars as part of many courses.
- Preparation of laboratory experiments and results.
- Evaluating students' performance during labs and practical exams.
- Maintain teamwork with co-workers to achieve maximum ILOs.
- Profound academic advisor in credit hours program.
- Familiar with academic quality assurance e.g. course specification, intended learning outcomes, course report, exam evaluation, and course portfolio.

Research skills:

- Microscopical identification of raw plant powders.
- Preparation of chemicals.
- Qualitative phytochemical screening of different constituents in plant extracts.

- Isolation and purification of active constituents from different plant extracts using different separation techniques e.g. HPLC, column chromatography and preparative thin layer chromatography.
- Structure elucidation of the isolated compounds using different spectroscopic techniques.
- Investigating biological activities of pure compounds either *in-vivo* or *in-vitro*.
- Animal handling (Mice), dissection and perfusion.
- Tissue extraction.
- Media preparation for bacterial and fungal culture.
- Isolation of microorganisms from various sources.
- Handling of several laboratory equipment e.g. rotary evaporator, spectrophotometer, HPLC, autoclave, etc.

TRAINING AND WORKSHOPS

- Marketing and Personal selling skills.
- Training at quality control (QC), research and development (R&D), and manufacturing departments at Sigma Pharmaceutical Egypt.
- Faculty and Leadership Development (FLDP) courses (Scientific writing, Scientific project management, Quality assurance of institutions).

Scientific activity:

- Organizer and speaker; Scientific Conference of Pharmacognosy Department, Tanta University, 2013.
- Speaker: Tanta University Scientific Conference, "*Persicaria salicifolia*", 2016.
- Publication; Rania M. El-Anwar, Abdel-Rahim S. Ibrahim, Kamilia A. Abo El-Soud, Amal M. Kabbash. "Phytochemical and Biological Studies on *Persicaria salicifolia* (Brouss. ex Willd.) Assenov, (Zelfa) Growing in Egypt", International Research Journal of Pharmacy, vol.7, no. 8, pp.1-19, 2016.
- Attended; 7th Kuwait International Pharmacy Conference KIPC 2019.
- Attended and Poster presenter, 27th Health Science Center Poster Conference, "Biotransformation of Vinpocetine by *Cunninghamella echinulata*.", 2023.
- Attended and Poster presenter; 8th Kuwait International Pharmacy Conference KIPC 2024, "Biotransformation of Vincamine and its Semisynthetic Derivative Vinpocetine by *Cunninghamella echinulata*".
- Attended; 28th Health Science Center Poster Conference, 2024 .

Awards:

- Best Researcher Award KIPC 2024.