

CURRICULUM VITAE

1. Personal Details

- **Name :** Suzy Abd El-Hakeem El-Demerdash El-Sherbeni
- **Date and Place of Birth :** October 22, 1977, Yugoslavia
- **Gender :** Female
- **Marital Status :** Married
- **E-mail :** suzy_eldmrdash@yahoo.com
- **Mailing Address :** Department of Pharmacognosy, Faculty of Pharmacy, Medical Campus , Gharbia 31527, Tanta University 31111, Egypt.
- **Fax:** +20403335466
- **TOEFL score:** 80 (internet-based TOEFL) in June 2010
- **ECDL (The European/ International Computer Driving Licence):** Earned in Mars 2010

2. Education

- **B.Sc. degree** of Pharmaceutical science with Excellent (Honor) in 2000, Faculty of Pharmacy, Tanta University, Egypt.
- **Pre-master** in Pharmaceutical science (Pharmacognosy) in 2002, Faculty of Pharmacy, Tanta University, Egypt.
- **M.Sc. degree** in Pharmaceutical science (Pharmacognosy) in 2010, Faculty of Pharmacy, Tanta University, Egypt.

Entitled "Pharmacognostical Studies of *Plumeria acutifolia* Poir growing in Egypt."

Supervisors: Dr. Souzan M. Ibrahim, Ph.D., Dr. Amal Kabbash, Ph.D., and Dr. Eman Zalat, Ph.D.
- **Ph.D. degree** in Pharmaceutical science (Pharmacognosy) in 2015, Faculty of Pharmacy, Tanta University, Egypt.

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

Supervisors: Dr. Souzan M. Ibrahim, Ph.D., Dr. Abdel-Rahim S. Ibrahim, Ph.D., and Dr. Kamilia Abou El Seoud, Ph.D

3. Professional and Academic Experience

- 2015- Lecturer, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.
- 2010- Establishment of the post graduate (credit hour) program and courses files according to National Academic Reference Standards, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.
- 2010- 2015 Present Senior teaching assistant, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.
- 2000-2010 Teaching assistant, Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Egypt.

Job Profile: Teaching assistants duties include preparing and delivering tutorial and lab sessions, preparing and conducting laboratory examinations, and tutorial quizzes.

4. Practical and Research Experience

- **Animal studies:** In vivo experiments to study the anti-inflammatory, analgesic and anti-tumor potential of different plant extract in rats and mice.
- **Microbiological studies:** anti-bacterial and anti-fungal studies for different plant extracts.
- **Analytical techniques:** MS, GC-MS, UV spectroscopy, and NMR.
- **Extraction and isolation methods:** different column chromatography and TLC.
- **Natural products isolation and purification:** Different types of plant natural products such as flavonoids, isoflavonoids, anthraquinones, iridoids, terpenes, sterols, and chlorine containing diterpene were isolated and purified using different chromatographic techniques.

- **Structure elucidation:** Spectroscopic analysis of unknown chemical compounds was carried out. New compounds were identified using Mass Spectrometry (EI-MS & +ESI-MS) and the various Nuclear Magnetic Resonance (NMR) techniques including $^1\text{H-NMR}$, $^{13}\text{C-NMR}$, $^1\text{H},^1\text{H-COSY}$ (Correlation Spectroscopy), DEPT (Distortionless Enhancement by Polarization Transfer), HMQC (Heteronuclear Multiple Quantum Coherence), HMBC (Heteronuclear Multiple Bond Correlation).

5. Areas of Special Interest

- Search for biologically active natural products through biologically guided fractionation (viz. anti-tumor, anti-inflammatory, anti-microbial, etc...).
- Isolation and purification of different natural compounds from their plant sources (viz. Iridioids, terpenes, flavonoids, anthraquinones, etc)
- Structure elucidation of natural compounds using UV, IR, MS and NMR spectroscopy.

6. Presentations

- "Anti-aging plants"
Faculty of Pharmacy, Tanta University, Egypt. March, 2002.
- "Contraceptive plants"
Faculty of Pharmacy, Tanta University, Egypt. August, 2002.

7. Honors and Awards

| | |
|---------------|--|
| November 2010 | Commendation Certificate Dean of Faculty of Pharmacy, Tanta University. |
| February 2000 | Appreciation Certificate Egyptian Pharmacy Club. |

8. Scientific Abstracts

1. El-Sherbeni S.A., Moustafa S.M.I, Kabbash A and Zalat E. "Pharmacognostical study of *Plumeria acutifolia* Poir growing in Egypt" Tanta University First

International Pharmaceutical Sciences Conference, Tanta, November, 2009.
Abstract NP2, <http://conference.tantapharmacy.org/files/4.pdf>.

9. List of Publications

1- Bioactivity and Phytochemical Investigation of *Plumeria acutifolia* Poir Growing in Egypt.

Suzy A. El-Sherbeni, Souzan M.I. Moustafa, Amal Kabbash, Eman Zalat and Farid A. Badria., *Alex J. Pharm. Sci...*, 26(1), 3-12 (2012).

2- Anti-oxidant and cytotoxic activities of *Cassia nodosa* Buch.-Ham ex Roxb. and some of pure constituents.

Suzy A. El-Sherbeni, Souzan M.I. Moustafa, Abdel-Rahim S. Ibrahim, Kamilia A. El Seoud and Farid A. Badria., 8(21), 586-597 (2014).