

## CURRICULUM VITAE

**Name:** Marwa Abdelaziz Ali Fayed.

**Nationality:** Egyptian.

**Status:** Married.

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University of Sadat City, Egypt.

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- **Academic Degrees:**

- Ph.D. in Pharmaceutical Sciences (Pharmacognosy), Assiut University (2013).

The subject of the thesis "Phytochemical and Biological studies of certain plants belonging to Family: Acanthaceae".

- M.Sc.in Pharmaceutical Sciences (Pharmacognosy), Assiut University (2004).

The subject of the thesis "Pharmacognostical study of *Tarhonanthus camphoratus* L., Family: Compositae".

- B.Sc. in Pharmaceutical Sciences, Assiut University (1998).

- **Past Positions:**

- Lecturer of Pharmacognosy and Phytochemistry, Pharmacognosy Department, Faculty of Pharmacy, MTI University, Cairo, Egypt (since September 2013 till September 2015).

- Lecturer of Pharmacognosy and Phytochemistry, Pharmacognosy Department, Faculty of Pharmacy, MSA University, Cairo, Egypt (since September 2015 till December 2016).

- **Current Position:**

- Lecturer of Pharmacognosy and Phytochemistry, Pharmacognosy Department, Faculty of Pharmacy, University of Sadat City, Egypt (since December 2016 till present).

● **Teaching Experience:**

● **Undergraduate courses:**

- i- Pharmacognosy I course for first year students including Flower, Bark and Wood.
- ii- Pharmacognosy II course for second year students including Fruits, Seeds and Animal drugs.
- iii- Pharmacognosy III course for second year students including Herbs, Subterranean organs and Unorganised drugs.
- iv- Phytochemistry I course for third year students including: Carbohydrates, Volatile oil and Saponin glycosides.
- v- Phytochemistry II course for third year students including alkaloids and Chromatography.
- vi- Herbal Medicine (elective course).

● **Qualifications:**

- excellent computer skills (passed ICDL).
- excellent Arabic and English language spoken and written (passed ielts score 7 valid).
- excellent teaching, presentation and communication experience.
- excellent skills in botanical studies of medicinal plants through their macro- and micro- morphological characters of

their different parts (leaves, roots, seeds.....etc.).

- excellent skills in extraction, fractionation and isolation of active constituents from natural medicinal plants.
- good skills in structure elucidation of the isolated compounds from medicinal plants on the basis of classic and recent spectroscopic methods: (UV, IR,  $^1\text{H-NMR}$ ,  $^1\text{H-}^1\text{H COSY}$ ,  $^{13}\text{C-NMR}$ , DEPT  $^{13}\text{C-NMR}$ , HSQC, HMQC, EI-,+FAB- and MALDI-TOF-MS, LC-MS) in addition to comparison of the physical, chemical and chromatographic characters of these compounds with authentic samples.

- **Research Fields:**

- Phytochemical and Pharmacognostical studies of medicinal plants.
- Isolation of bioactive constituents from different natural sources using advanced chromatographic techniques(separation on VLC, column chromatography using different adsorbents as RP, Sephadex, Cellulose or Polyamide and separation using PC).
- Structure Elucidation using different spectroscopic techniques.

- **Publications:**

- 1- D.W.Bishay, A.A.Attia, and M.A.A.Fayed, "**Sesquiterpene Lactones and Flavonoid Glucoside with the Potent**

- Biological Activities of *Tarchonanthus camphoratus* L."**  
Bull.Ph.Sc., Assiut University, Vol.24, part 2, Dec. **2001**.
- 2- D.W.Bishay, A.A.Attia, and M.A.A.Fayed, "**Flavones and Quaternary Alkaloid from *Tarchonanthus camphoratus* L.**", Bull.Ph.Sc., Assiut University, Vol.25, part1, Jun.**2002**.
  - 3- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R.M. Ibrahim and Marwa A. A. Fayed, "**5-Hydroxy vasantine, a new pyrroloquinazoline alkaloids from *Anisotes trisulcus* (Forssk.) Nees**", *J. Nat. Prod. Plant Resour.*, **2011**, 1 (4):80-85. (<http://scholarsresearchlibrary.com/archive.html>)
  - 4- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R.M. Ibrahim, Marwa A. A. Fayed, Mohamed M. Radwan, Samir A. Ross, "**A new isoflavone from *Blepharis ciliaris* of an Egyptian origin**", *Medicinal Chemistry Research* (**2012**).
  - 5- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R.M. Ibrahim, Marwa A. A. Fayed, "**Chemical constituents, anti-inflammatory, and antioxidant activities of *Anisotes trisulcus*** ", *Bull.of Faculty of Pharmacy, Cairo University* (**2014**).
  - 6- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R.M. Ibrahim, Marwa A. A. Fayed, "**New Nitrogenous Compounds from *Anisotes trisulcus***", *Zeitschrift fur Naturforschung C* 69(5-6):209-18 (2014).
  - 7- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R.M. Ibrahim, Marwa A. A. Fayed, (2015) "**Stigmasterol tetracosanoate, a new stigmasterol ester from the Egyptian *Blepharis ciliaris***", *Drug Res*, 65, 347-353.
  - 8- Riham O. Bakr , Marwa A.A. Fayed, Ahmed M. Fayez, Salma K. Gabr, Ahlam M. El-Fishawy, Taha S.El-Alfy (2018), "**Hepatoprotective activity of *Erythrina* × *neillii* leaf**

**extract and characterization of its phytoconstituents**,  
Phytomedicine 53 (2019) 9–17, Impact Factor: 3.6.

- 9- Reham Amer, Riham O. Bakra, Marwa A.A.Fayed,(2018) **A completely polyherbal conditioning and antioxidant shampoo: A phytochemical study and pharmaceutical evaluation**, Journal of Pharmacy and Bioallied Sciences, vol. 11(2), 105-115 (2019) Impact Factor: 1.08.
- 10- Eman Mostafa, Marwa A.A. Fayed, Rasha A Radwan, Riham O Bakr, ***Centaurea pumilio* L. Extract and Nanoparticles: A Candidate for Healthy Skin**, Colloids and Surfaces B: Biointerfaces, 182 (110350) (2019).
- 11- Marwa A.A. Fayed, ***Mentha Piperita* L. - A Promising Dental Care Herb Mainly Against Cariogenic Bacteria**, Universal Journal of Pharmaceutical Research 4(3):33-38 (2019).

- **Publication Record:** 51 citations, h-index: 5 (google scholar)

<https://scholar.google.com/eg/citations?user=Y6CFDcoAAA&hl=en>

**Reviewer Record:**

- Member of the editorial board of Universal Journal of Pharmaceutical Research  
www.ujpr.org
- Member of the editorial board of Pharmaceutical Sciences & Analytical Research Journal  
<http://chembioepub.com/PSARJ/editorial-board.php>
- Member of the editorial board of Pharmaceutica Analytica Acta.
- Reviewer at Journal of Advanced Pharmacy Research.