



Mona Mostafa Hashem, Ph.D.

Current Position:

Lecturer: Department of Pharmacognosy and Microbiology, Faculty of Pharmacy, Cairo University

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Education History:

- **Ph.D. 2019**
degree in Pharmaceutical science (pharmacognosy), Faculty of Pharmacy, Cairo University under thesis title "Phytochemistry and Biological Study of *Aeschynomene elaphroxylon* (Guill. & Perr.) Growing in Egypt".
- **Master 2014**
degree in Pharmaceutical science (pharmacognosy), Faculty of Pharmacy, Cairo University under thesis title "Pharmacognostical study of *Brassica tournefortii* Gouan. Growing in Egypt".
- **University (2000- 2005)**
Bachelor. "Excellent – Honor Grade", Faculty of Pharmacy- Cairo University

Fields of Interest:

- Natural products and Medicinal plants
- Isolation of chemical pure herbal compounds from plants and their identification by different methods (1H-NMR, 13C-NMR, 2D-NMR).
- Analysis of complicated plant extract by LC-DAD-MS/MS
- Assessment of biological importance of bioactive fractions and pure compounds isolated from plants.

Teaching:

Undergraduate Courses

- Pharmacognosy II
- Phytochemistry I
- Phytochemistry II
- Phytotherapy

Postgraduate Courses

- Herbal medicine and aromatherapy

Publications and Presentations:

- A Pharmacognostical study of *Brassica tournefortii* Gouan. Growing in Egypt” 3 rd International Scientific Conference of Faculty of Pharmacy Cairo University, April 25th-26 th, 2012
- Cytotoxic and Antioxidant Activities of the Volatile Constituents of *Brassica tournefortii* Gouan. Growing in Egypt Cancer Sci. & Res., December, (2013).
- Mona M. Hashem , Maha M. Salama, Faten F. Mohammed, Adel F. Tohamy, Kadriya S. El Deeb “Metabolic profile and hepatoprotective effect of *Aeschynomene elaphroxylon* (Guill. & Perr.)” 14(1), e0210576 - January 2019. <https://doi.org/10.1371/journal.pone.0210576>.
- Leilei Zhang, Fatema R.Saber, Gabriele Rocchetti, Gokhan Zengin, Mona M.Hashem, Luigi Lucini, “UHPLC-QTOF-MS based metabolomics and biological activities of different parts of *Eriobotrya japonica*” Food Research International, Volume 143, May 2021, 110242