

Rehab Fikry Taher



Education:

2015: Achieved Doctor of Philosophy in Pharmaceutical Science, Pharmacognosy Department Faculty of Pharmacy/ Cairo University

Titled

“Chemical constituents and Pharmacological activities of certain *Cassia* species Family Fabaceae”

2007: Master Degree in Pharmaceutical Sciences, Pharmacognosy Department- Faculty of Pharmacy/ Cairo University.

Titled

Phytochemical & Biological Investigation of *Cassia bicapsularis* L. Family (Leguminosae) growing in Egypt”

2002: Bachelor of Pharmacy- Faculty of Pharmacy/ Cairo University
Accumulative Degree: Very Good (Honour)

Work Experience:

Since December 2021: Associate professor-Chemistry of Natural Products
Department-National Research Centre

2020-2021: Part time Pharmacognosy Lecturer at faculty of pharmacy, Egyptian Chinese University

2019- 2020: Part time Pharmacognosy Lecturer at faculty of pharmacy, Heliopolis University for sustained development.

2018-2019: Part time Pharmacognosy_Lecurer_at faculty of pharmacy, Heliopolis University for sustained development, for the second semester.

2018-2019: Part time Pharmacognosy Lecturer and practical supervision at faculty of pharmacy, Al-Ahram Canadian University.

Since Dec. 2015: Researcher at National Research Center- Department of Natural Compounds Chemistry, Pharmaceutical and Drug Industries Research Division.

Since Dec. 2007: Assistant Researcher at National Research Center- Department of Natural Compounds Chemistry.

Since September 2003: Researcher Assistant at National Research Center- Department of Pharmacognosy.

Since May 2003: Pharmacist at National Research Center- Department of Pharmacognosy

Since May 2002: Pharmacist at The Chemical Industries Development Company (CID), In Quality Control Department.

Publications:

2007: Volatile Constituents of *Cassia bicapsularis*. Journal of Essential Oil Bearing Plants 2007; 10 (4): 278-281. **Ataa Said, Mohamed Aboulfotouh, Mohamed Sobhi, Rehab Fikry & Olga Tzakou.**

2015: Phenolic Metabolites and some Pharmacological Activities of *Cassia renigera* Benth. Current Science International 2015; 4 (1): 164-171. **Rehab F. Taher, Mahmoud I. Nassar, Sayed A. El-Toumy, Seham A. El-Hawary, Samia Abdel-Wahab, Rania F. Ahmed and Ezzel-Din A. El-Khrisy.**

2018: Essential Oils Constituents of Aerial Parts of *Cyperus capitatus* L. and *Cyperus difformis* L.Grown Wild in Egypt. Journal of essential oil-bearing plants JEOP 2018; 20 (6): 1659 –1665. **Abd El-Nasser G. El Gendy, Ahmed M. Abd El-Gawad, Rehab F. Taher, Ezz El-Din A.M. El-Khrisy, Elsayed A. Omer & Abdelsamed I. Elshamy.**

2019: *Cakile maritima* Scop. Extracts Inhibit CaCo2 and HeLa Human Carcinoma Cell Growth: GC-MS Analysis of an Anti-Proliferative Extract. *Pharmacogn J.* 2019; 11(2):258-266. **Elsayed Omer, Abdelsamed Elshamy, Rehab Taher, Walaa El-Kashak, Joseph Shalom, Alan White, Ian Cock.**

2019: Role of ashwagandha methanolic extract in the regulation of thyroid profile in hypothyroidism modeled rats. *Molecular Biology Reports Mol Biol Rep* 2019; 46(4):3637-3649. **Khaled G. Abdel-Wahhab, Hagar H. Mourad, Fathia A. Manna, Fatma A. Morsy, Laila K. Hassan, Rehab F. Taher.**

2019: Selective Regulation of B-Raf Dependent K-Ras/Mitogen-Activated Protein by Natural Occurring Multi-kinase Inhibitors in Cancer Cells. *Frontiers in oncology* 2019; 9: 1220. **Ahmed I. Abd El Maksoud, Rehab F. Taher, Ahmed H. Gaara, Eman Abdelrazik, Omar S. Keshk, Khaled A. Elawdan, Salwa E. Morsy, Ahmed Salah and Hany Khalil**

2020: Artichoke Phenolics Confer Protection Against Acute Kidney Injury. *Revista Brasileira de Farmacognosia* 2020; 30: 34–42. **Abdelsamed I. Elshamy Heba M. I. Abdallah Abdel Razik H. Farrag Ylenia Riciputi Federica Pasini Rehab F. Taher Mona A. Raslan Paul W. Paré Email author Mohamed-Elamir F. Hegazy**

2020: UPLC–qTOF-MS Phytochemical Profile and Antiulcer Potential of *Cyperus conglomeratus* Rottb. Alcoholic Extract. *Molecules* 2020, 25, 4234. **Abdelsamed I. Elshamy, Abdel Razik H. Farrag, Iriny M. Ayoub, Karam A. Mahdy, Rehab F. Taher, Abd El-Nasser G. El Gendy, Tarik A. Mohamed, Salim S. Al-Rejaie, Yasser A. El-Amier, Ahmed M. Abd-ElGawad and Mohamed A. Farag**

2021: HPLC–ESI/MS profiling, phytoconstituent isolation and evaluation of renal function, oxidative stress and inflammation in gentamicin-induced nephrotoxicity in rats of *Ficus spragueana* Mildbr. & Burret. *Biomedical Chromatography* 2021; e5135. [wileyonlinelibrary.com/journal/bmc](https://doi.org/10.1002/bmc.5135)
<https://doi.org/10.1002/bmc.5135>. **Rehab F. Taher, Mona A. Raslan, Marwa A. Masoud, Mahmoud I. Nassar, Mona E. Aboutabl.**

2021: Influence of *Melissa officinalis* methanolic extract on hyperthyroidism in a rat model. *Egyptian Pharmaceutical Journal* [Downloaded free from <http://www.epj.eg.net> on Wednesday, June 16, 2021, IP: 156.214.183.224]. **Fathia**

A. Manna, Khaled G. Abdel-Wahhab, Laila K. Hassanb, Rehab F. Taherc, Fatma A. Morsy, Nevein N. Fadl.

2021: Metabolomic profiling of *Sansevieria trifasciata* hort ex. Prain leaves and roots by HPLC-PAD-ESI/MS and its hepatoprotective effect via activation of the NRF2/ARE signaling pathway in an experimentally induced liver fibrosis rat model. **Mona A. Raslan, Rehab F. Abdel-Rahman, Hany M. Fayed, Hanan A. Ogaly, Rehab F. Taher.**

2021: Two new flavonoids and anticancer activity of *Hymenosporum flavum*: invitro and molecular docking studies. Journal oh Herbmec Pharmacology. **Rehab F. Taher, Ahmed A. Al-Karmalawy, Ahmed I. Abd El Maksoud, Hany Khalil, Amr Hassan, Ezzel-Din A. El-Khrisy, Walaa A. El-Kashak.**

2021: *Cordyline fruticosa* (L.) A. Chev. leaves: isolation, HPLC/MS profiling and evaluation of nephroprotective and hepatoprotective activities supported by molecular docking. New J of Chemistry. **Mona A. Raslan, Rehab F. Taher, Ahmed A. Al-Karmalawy, Dalia El-Ebeedy, Angham G. Metwaly, Nourhan M. Elkateeb, Aml Ghanem, Reem A. Elghaish, Ahmed I. Abd El Maksoud.**

Conferences and Posters:

-Attendance of the 6th International conference of pharmaceutical and drug industries research division with poster presentation

-Poster: HPLC/MS/MS identification of polyphenolic constituents of two *Cassia* species.

-Attendance of a workshop on 'clinical skills' from Nursing Training & continuing Education Center

-Attendance of a training course in G.M.P & Management of commodity inventory control from Drug Holding Company training center.

-Attendance of a workshop on Oncology by Scita in the National Toxicity Centre.

- Attendance of a workshop on Recent trends in natural product and medicinal plants research, National Research Center.

- Attendance of a workshop on Advances & challenges in pharmacognosy researches: A look to future, National research center.
- Contribution as an organizer in the 1st NRC-Grenoble INP international conference on science and sustainable development.
- Attendance of a workshop on Towards supporting the role of woman in science in developing countries.
- A member in the organization for women in science for the developing world.
- Attendance of a workshop in spectroscopic techniques for natural products analysis at Heliopolis university organized by NAPRECA.
- Contribution as speaker to the college of Biotechnology annual scientific conference ‘Biotechnology as one of the emerging technologies’
- Attendance of a symposium of ‘Importance of natural compounds as potential drug precursors’

Interests:

Natural Products Chemistry.

- Advanced Spectroscopic Techniques for Organic Structures Identification.
- Phytochemistry and pharmacognosy

Languages:

- English: Excellent (reading, writing, and verbal).
- Arabic: Native Language

References:

- Prof. Dr. Ezz Eldin ElKhrisy, Researcher Professor.National Research Centre, Chemistry of Natural product Department, Pharmaceutical and Drug Industries Research Division, El-Tahrir Street, Dokki, Giza, Egypt, P.O. Box: 12622. E-mail: ezzelkhrisy@yahoo.com

- Prof. Mahmoud Ibrahim Nassar, Researcher Professor. National Research Centre, Chemistry of Natural product Department, Pharmaceutical and Drug Industries Research Division, El-Tahrir Street, Dokki, Giza, Egypt, P.O. Box: 12622. E-mail: mnassar_eg@yahoo.com
- Prof. Dr. Seham Elhawary. Professor of Pharmacognosy Department Faculty of Pharmacy, Cairo University El-Kaser El-Anii Street, Cairo, Egypt. E-mail: seham.elhawary@yahoo.com

Skills:

Research

- Separation and purification of organic compounds using chromatographic techniques.
- Identification of organic compounds using advanced NMR techniques (COSY, NOESY, HMBC, HMQC).

Computer

- ICDL license
- Software Applications (ChemBioDraw).