

CURRICULUM VITAE
Nouran M. M. Fahmy, Ph.D.
Assistant Professor
Faculty of Pharmacy
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Contact Information

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Personal Information

- **Date of birth:** 12 January 1990.
- **Nationality:** Egyptian.

Education and Academic Background

- **Ph.D. in Pharmacognosy (2020), Faculty of Pharmacy, Ain shams University, Cairo, Egypt.**
Ph.D. courses in Advanced chromatographic techniques, structural elucidation of natural products, biosynthesis of natural products, and scientific writing (2016).
- **M.Sc. in Pharmacognosy (2015), Faculty of Pharmacy, Ain shams University, Cairo, Egypt.**
Premaster studies in Pharmaceutical Sciences (2012).
- **B.S. in Pharmaceutical Sciences (2011)**
Faculty of Pharmacy, Ain Shams University, Cairo, Egypt.
Grade: Excellent with honor. **Rank:** 10th
- **General Secondary Certificate (2006)**
Saint Fatima Language School, Nasr city, Cairo, Egypt.

Profession Experience

- **January 2020 - till present** Assistant Professor, Pharmacognosy Department, Faculty of Pharmacy, Ain Shams University.
- **October 2022 – till present** Head of Scientific Research and Scientific Activities standard.
- **January 2022 – till present** Projects and grants coordinator, Faculty of Pharmacy, Ain Shams University.
- **September 2020 - July 2021** Part-time Lecture, Pharmacognosy Department, Faculty of Pharmacy, Future University in Egypt.
- **September 2015 - January 2020** Assistant Lecturer, Pharmacognosy Department, Faculty of Pharmacy, Ain Shams University.
- **May 2012 - August 2015** Teaching Assistant, Pharmacognosy Department, Faculty of Pharmacy Ain Shams University.
Teaching different courses, curriculum setting and development, and conducting studies and research in the field of pharmacognosy and chemistry of natural products.

Research Experience and Skills

- Isolation and identification of plant phytochemicals from natural sources using different chromatographic techniques.
- Investigating various pharmacological activities for plant extracts and phytochemicals for drug discovery.
- Standardization and quality control on herbal products.
- Essential oil extraction and analysis.
- Research member in Center of Drug Research and Development, Faculty of Pharmacy, Ain Shams University.
- GC/MS lab supervision Center of Drug Research and Development, Faculty of Pharmacy, Ain Shams University (2019 – till present).
- Operating different instruments including GC/MS, GC/MS/HS, LC/MS, Puriflash chromatography, Chromatotron, analytical and preparative HPLC.

Publications

Google Scholar profile: <https://scholar.google.com/eg/citations?user=4hRtqYsAAAAJ&hl=en>.

Research Gate profile: https://www.researchgate.net/profile/Nouran_Fahmy2

Scopus profile: <https://www.scopus.com/authid/detail.uri?authorId=56995791000>

Fahmy, N. M., Fayez, S., Uba, A. I., Shariati, M. A., Aljohani, A. S. M., El-Ashmawy, I. M., Batiha, G. E., Eldahshan, O. A., Singab, A. N., Zengin, G., 2023. Comparative GC-MS Analysis of Fresh and Dried Curcuma Essential Oils with Insights into Their Antioxidant and Enzyme Inhibitory Activities. *Plants*, vol. 12. (2023) **IF: 4.658**.

Fatema R. Saber, Paulo E. S. Munezata, Komal Rizwan, Heba A. S. El-Nashar, **Nouran M. Fahmy**, Shaza H. Aly, Mohamed El-Shazly, Abdelhakim Bouyahya & Jose M. Lorenzo (2023) Family Myrtaceae: The treasure hidden in the complex/diverse composition, *Critical Reviews in Food Science and Nutrition* (2023). IF: **11.208**

Gad, H. A., El Hassab, M. A., Elhady, S. S., **Fahmy, N. M.**, 2023. Insights on *Citrus clementina* essential oil as a potential antiaging candidate with a comparative chemometric study on different cultivars. *Industrial Crops and Products* 194, 116349. (2023) **IF: 6.449**.

Fahmy, N. M., Elhady, S. S., Bannan, D. F., Malatani, R. T., Gad, H. A., 2022. Citrus reticulata Leaves Essential Oil as an Antiaging Agent: A Comparative Study between Different Cultivars and Correlation with Their Chemical Compositions. *Plants*, vol. 11. (2022) **IF: 4.658**.

Fatema R. Saber, Shaza H. Aly, Moustafa Ali Khallaf, Heba A.S. El-Nashar, **Nouran M. Fahmy**, Mohamed El-Shazly, Radha Radha, Suraj Prakash,, Manoj Kuma, Doaue Taha, Abdelhakim Bouyahya,, Javad Sharifi-Rad. Hyphaene thebaica (Areceaeae) as a promising functional food: Extraction, analytical techniques, bioactivity, food, and industrial applications. *Food Analytical Methods*. (2022) **IF: 3.49**

Gokhan Zengin, **Nouran M Fahmy**, Kouadio Ibrahime Sinan, Abdullahi Ibrahim Uba, Abdelhakim Bouyahya, José M Lorenzo, Evren Yildiztugay, Omayma A Eldahshan, Shaimaa Fayez. *Differential Metabolomic Fingerprinting of the Crude Extracts of Three Asteraceae Species with Assessment of Their In Vitro Antioxidant and Enzyme-Inhibitory Activities Supported by In Silico Investigations*. *Processes* (2022). **IF: 3.352**

Rania M Salama, Samar F Darwish, Ismail El Shaffei, Noura F Elmongy, **Nouran M Fahmy**,

Manal S Afifi, Ghada A Abdel-Latif. *Morus macroura* Miq. *Fruit extract protects against acetic acid-induced ulcerative colitis in rats: Novel mechanistic insights on its impact on miRNA-223 and on the TNF α /NF κ B/NLRP3 inflammatory axis*. Food and Chemical Toxicology (2022). **IF: 5.572.**

Mariam I Gamal El-Din, **Nouran M Fahmy**, Fulin Wu, Maha M Salem, Omar M Khattab, Hesham R El-Seedi, Michal Korinek, Tsong-Long Hwang, Ahmed K Osman, Mohamed El-Shazly, Shaimaa Fayez. *Comparative LC–LTQ–MS–MS Analysis of the Leaf Extracts of Lantana camara and Lantana montevidensis Growing in Egypt with Insights into Their Antioxidant, Anti-Inflammatory, and Cytotoxic Activities*. Plants, (2022). **IF: 4.658.**

Nehad Naem Hamed Shosha, **Nouran M. Fahmy**, Abdel Nasser B Singab, Radwa Wahid Mohamed. *Anti-ulcer effects of cumin (Cuminum cyminum L.), thyme (Thymus vulgaris L.), and caraway (Carum carvi L.) essential oils on peptic ulcer and ulcerative colitis models in rats*. Journal of Herbmед Pharmacology (2022). **IF: 2.092.**

Yousef Rasmi, Lucas Paulo Jacinto Saavedra, Matei-Alexandru Cozma, Heba El-Nashar, Shaza Aly, **Nouran M. Fahmy**, Omayma Eldahshan, Mohamed El-Shazly, Elena Codruța Dobrică, Hamed Kord-Varkaneh, Camelia Cristina Diaconu, Mihnea Alexandru Găman. *Laboratory findings in COVID-19-alterations of hematological, immunological, biochemical, hormonal and other lab panels: a narrative review*. Journal of Mind and Medical Sciences (2022).

El-Nashar, H.A., **Nouran M. Fahmy**, M. El-Shazly, and O.A. Eldahshan, *Phytotherapeutics in Inflammatory Lung Diseases*, in *Medicinal Plants for Lung Diseases*. (2021), Springer. 515-556.

Salehi, Ibrahim M. Abu-Reidah, Farukh Sharopov, Natallia Karazhan, Javad Sharifi-Rad, Muhammad Akram, Muhammad Daniyal, Fahad Said Khan, Wafa Abbaass, Rida Zainab, Katya Carbone, **Nouran M. Fahmy**, Eman Al-Sayed, Mohamed El-Shazly, Massimo Lucarini, Alessandra Durazzo, Antonello Santini, Miquel Martorell, Raffaele Pezzani. *Vicia plants—A comprehensive review on chemical composition and phytopharmacology*. Phytotherapy Research, (2021). **35(2) 790-809. IF: 4.087.**

Bahare Salehi, Javad Sharifi-Rad, Francesca Cappellini, Željko Reiner, Debora Zorzan, Muhammad Imran, Bilge Sener, Mehtap Kilic, Mohamed El-Shazly, **Nouran M Fahmy**, Eman Al-Sayed, Miquel Martorell, Chiara Tonelli, Katia Petroni, Anca Oana Docea, Daniela Calina,

Alfred Maroyi. *The Therapeutic Potential of Anthocyanins: Current Approaches Based on Their Molecular Mechanism of Action*. *Frontiers in Pharmacology* 11, 1300, (2020), **IF: 3.864**.

Bahare Salehi, Zeliha Selamoglu, Mustafa Sevindik, **Nouran M Fahmy**, Eman Al-Sayed, Mohamed El-Shazly, Boglárka Csupor-Löffler, Dezső Csupor, Simin Emamzadeh Yazdi, Javad Sharifi-Rad, Dilhun Keriman Arserim-Uçar, Ender Hikmet Arserim, Natallia Karazhan, Ali Jahani, Abhijit Dey, Hamed Azadi, Somayeh Afsah Vakili, Farukh Sharopov, Natália Martins, Dietrich Büsselberg. *Achillea spp.: A comprehensive review on its ethnobotany, phytochemistry, phytopharmacology and industrial applications*. *Cellular and molecular biology* 66 (4), 78-103, (2020), **IF: 1.46**.

Nouran M Fahmy, Eman Al-Sayed, Saad Moghannem, Faizul Azam, Mohamed El-Shazly, Abdel Nasser Singab. *Breaking Down the Barriers to a Natural Antiviral Agent: Antiviral Activity and Molecular Docking of Erythrina speciosa Extract, Fractions, and the Major Compound*. *Chemistry & Biodiversity* 17 (2), (2020), **IF: 2.039**.

Nouran M Fahmy, Eman Al-Sayed, Haidy Michel, Mohamed El-Shazly, Abdel Nasser Singab. *Gastroprotective effects of Erythrina speciosa (Fabaceae) leaves cultivated in Egypt against ethanol-induced gastric ulcer in rats*. *Journal of Ethnopharmacology*, (2020), **IF: 3.69**.

Nouran M Fahmy, Eman Al-Sayed, Mohamed El-Shazly, Abdel Nasser Singab. *Alkaloids of genus Erythrina: An updated review*. *Natural Product research*. 1-23, (2019), **IF: 2**.

Nouran M Fahmy, Eman Al-Sayed, Mohamed El-Shazly, M., Abdel Nasser Singab. *Comprehensive review on flavonoids biological activities of Erythrina plant species*. *Industrial Crops and Products* 123, 500-538 (2018), **IF: 4.2**.

Nouran M Fahmy, Eman Al-Sayed, M.M Abdel-Daim, Abdel Nasser Singab. *Anti-Inflammatory and Analgesic Activities of Terminalia Muelleri Benth.(Combretaceae)*. *Drug development research* 78, 146-154, (2017), **IF: 1.7**.

Nouran M Fahmy, Eman Al-Sayed, Abdel Nasser Singab. *Phytochemical screening and antioxidant activity of Terminalia muelleri benth leaf extract*. *Arch Pharm Sci* 1, 1-4, (2017).

Nouran M Fahmy, Eman Al-Sayed, M.M Abdel-Daim, M Karonen, Abdel Nasser Singab. *Protective effect of Terminalia muelleri against carbon tetrachloride-induced hepato and nephrotoxicity in mice and characterization of its bioactive constituents*. *Pharmaceutical biology* 54,

303-313, (2016), **IF: 2.5.**

Nouran M Fahmy, Eman Al-Sayed, Abdel Nasser Singab. *Genus Terminalia: A phytochemical and biological review. Montin.) species.* Med Aromat Plants 4, 218, (2015).

Conference Participation and Organization

- Global Conference on Pharmaceuticals and Clinical Research., November 14-16, 2022, Paris, France. (Poster acceptance)
- The 8th Annual International Ain Shams University Conference (April 2019).
- The 2nd International Conference of the Faculty of Pharmacy, Ain Shams University, member of editorial board committee and poster presentation (November 2018).
- The 7th Annual Ain Shams University Conference, member of the organizing committee and poster presentation (April 2018).
- The 17th Scientific Congress of the Association of Pharmacy Colleges in Arab World, member of the editorial board committee and poster presentation (October 2014).

Professional Activities

- Graduation project supervision, Drug Design Program, Faculty of Pharmacy, Ain Shams University Class (2021 – 2022).
- Member of the Faculty of Pharmacy, Ain Shams University, Pharma Insider Magazine (2022).
- Member of the quality assurance team (scientific research sector), Faculty of Pharmacy, Ain Shams university (2013 – Sep. 2022)
- Head of Scientific Research and Scientific Activities standard Faculty of Pharmacy, Ain Shams university (Oct. 2022 – till present).
- Member of the organizing committee of the 1st and 2nd Natural Product Internship Program, Department of Pharmacognosy, Faculty of pharmacy, Ain Shams University (2018-2019).
- Vice president of the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, and 9th Volatile Oil Gallery, Faculty

of Pharmacy, Ain Shams University (2014-2022).

- Vice president of the first Volatile Oil Gallery Symposium, Faculty of Pharmacy, Ain Shams University (2022)
- Quality assurance coordinator, Pharmacognosy department, Faculty of Pharmacy, Ain Shams university (2019 - 2021)
- Online courses on successful nutrition coaching, the science of wellbeing, and sports nutrition (2020).
- Attended workshop on flipped classroom and how to use google classroom, Pharmacognosy Department, Faculty of Pharmacy Ain Shams University (February 2020).
- Entrepreneurship Bootcamp organized by Federation of Egyptian Industries (December 2019)
- Attended workshop on operation of Puriflash chromatography held by Nawah scientific (2016).
- Attended workshop on computer aided drug design “Recent Advances in Molecular Docking”, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University, (2016).
- Member of the academic supervising committee of SCOPS (Students Conference of Pharmaceutical Science) (2014-2015).
- Training courses at Ain Shams University including effective presentation skills, organization of scientific conferences, interactive learning, medical ethics, scientific writing, scholar publishing in indexed journal, biostatistics, the ethics of scientific research, and the use of technology in teaching.
- Soft skills course including presentation skills, selling skills, Neurolinguistic programming, negotiation skills and communication skills (2007).
- A training course in Sanofi Aventis (2007).

Awards

- Ain Shams University award for international publications (2016 – 2017 – 2018 – 2019 – 2020 – 2021 – 2022).
- Prof. Dr. Abdel Nasser award for the best international publication extracted from thesis, Faculty

of Pharmacy, Ain Shams University (March 2020).

- National Winner & Top Ten Globally at Global Climathon of climate action. As a co-founder in the recycling soap waste project aiming to increase sanitation in rural village areas. The national

competition took place in Cairo and the jury was from the Ministry of Environment and UNDP. The finals took place at Paris (January 2020).

- Hospital pharmacist at St. Peter International Hospital (December 2011-May 2012).
- Community pharmacist in Sandy pharmacy (August 2011).
- Training in El-Salam International Hospital as a clinical pharmacist (April 2011).
- Training in SEIF pharmacy (Summer 2010).
- Production, QC and QA training in Memphis (2008).
- Community pharmacist trainee in El-Ezaby pharmacy (August 2008).
- Medical Representative trainee, sales department, Sanofi Aventis (June 2007).

Languages

- Arabic: Mother Tongue.
- English: Excellent command of written & spoken English.
- French: Good.

Computer skills

Microsoft office, Chemdraw, Endnote, Mastre lab research and Graph pad.