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Education

2012: Ph.D. of pharmaceutical sciences in pharmacognosy, Faculty of pharmacy, Ain Shams University.

2007: Master of pharmaceutical sciences in pharmacognosy, Faculty of pharmacy, Cairo University.

2002: Bachelor of pharmaceutical sciences, Faculty of pharmacy, Cairo University.

Work experience

- 2003: Internship, NRC (National research center), Cairo.
- 2005: Specialized pharmacist, NRC, Cairo.
- 2006: Research assistant, NRC, Cairo.
- 2007: Assistant researcher, NRC, Cairo.
- 2012 till now: Researcher, NRC, Cairo.

Research interest

- Isolation and purification of polyphenols using different chromatographic techniques.
- Identification and structure elucidation of polyphenols using chemical, conventional and advanced spectroscopic and spectrometric techniques (UV, NMR, MS, GC/MS, LC/MS).
- Determination of the antioxidant activity, antimicrobial activity, UV protection activity (HaCaT cells), cytotoxicity and cell viability of the polyphenols rich plant extracts and the individual pure compounds using different methods.

Teaching experience:

- 2008-2009: Assistant lecturer at department of pharmacognosy, faculty of pharmacy MSA university.
- 2015: Part time lecturer at department of pharmacognosy, faculty of pharmacy, MSA University.
- 2016-2017: Acting as head of department of pharmacognosy and medicinal plants at faculty of pharmacy, Heliopolis University for sustainable development.

Thesis Supervision:

- Graduation projects supervision at MSA university and Heliopolis university for sustainable development.
- Ph.D. Thesis supervision at faculty of Science Cairo university (approved)
- M.Sc. Thesis supervision at faculty of pharmacy, Ain Shams University (Ongoing).

International activities:

- Participating in GESP research project between Egyptian and German team through the STDF and DAAD mutual funding.
- Conducting research at Ernst- Moritz- Arndt- Universität Institut für Pharmazie, Germany.
- Participating in international conference at Bulgaria (poster).

Other activities

- Volunteer operator of NMR Jeol 500 MHz, central laboratory, NRC, Cairo.
- Volunteer operator of GC/MS and DART-TOF MS central laboratory, NRC, Cairo.
- Member of the quality assurance committee at faculty of pharmacy, Heliopolis University for sustainable development.
- Member of the exams control committee at faculty of pharmacy, Heliopolis University for sustainable development.

Publications

- Hussein S., Hashim A., El-Sharawy R., Seliem M., Linscheid M., Lindequist U. and Nawwar M., (2007), "Ericifolin: An eugenol 5-O-galloylglucoside and other phenolics from *Melaleuca ericifolia*", *Phytochemistry* ; 68(10):1464-70.
- Nawwar M, Hussein S, Ayoub N, Hashim A, El-Sharawy R, Lindequist U, Harms M and Wende K. , (2011), "Constitutive phenolics of *Harpephyllum caffrum* (Anacardiaceae) and their biological effects on human keratinocytes.", *Fitoterapia* ; 82(8):1265-71
- Nawwar M, Ayoub N, Hussein S, Hashim A, El-Sharawy R, Wende K, Harms M and Lindequist U., (2012), "Flavonol triglycoside and investigation of the antioxidant and cell stimulating activities of *Annona muricata* Linn.", *Archives of pharmacal research* ; 35(5):761-7.
- Mona El Said Kassem · Lamyia Fawzy Ibrahim · Sameh Reda Hussein · Reham El-Sharawy · Mohamed Amin El-Ansari · Mahrousa Mohamed Hassanane · Hoda Fahime Booles, (2016),

"Myricitrin and bioactive extract of Albizia amara leaves: DNA protection and modulation of fertility and antioxidant-related genes expression", *Pharmaceutical Biology*

- Maha M. Salem · Sameh R. Hussein · Reham El-Sharawy · Eman A. Ragab · Kamal M. Dawood · Sabry I.M. El Negoumy (2016), "Phytochemical investigation of *Boscia angustifolia* A. Rich. (Capparaceae)", *Biochemical Systematics and Ecology*.
- Maha M. Salem · Sameh R. Hussein · Reham El-Sharawy · Ahmed Elkhateeb. Eman A. Ragab · Kamal M. Dawood · Sabry I.M. El Negoumy (2016), Antioxidant and antiviral activities of the aqueous alcoholic leaf extract of *Boscia angustifolia* A. Rich. (Capparaceae) and its major component 'ombuin', *Egyptian Pharmaceutical Journal*.
- Reham T. El-Sharawy, Ahmed Elkhateeb, Mona M Marzouk, Rasha Abd El-Latif (2017), Antiviral and antiparasitic activities of clovamide: the major constituent of *Dichrostachys cinerea* (L.) Wight et Arn, *Journal of Applied Pharmaceutical Science* 7 (9), 219-223
- Alia Y. Ragheb, Mona El-Shabrawy¹, Reham T. El-Sharawy, Ahmed Elkhateeb, Rasha A. Radwan, El-Sayed S. Abdel-Hameed and Mona E. S. Kassem (2021), Phenolics isolation and chemical profiling of *livistona australis* (R.br.) mart. fruit extracts; potent inhibitors of α -amylase and pancreatic lipase, *Tropical Journal of Natural Product Research* 5(2), pp. 272-280
- Sharaf, M., Elatif, R., ElSharawy, R., Mansour, R., El Ansari, M., Shabana, M. (2022). 'Chemical Composition and Anti-SARS-CoV-2 Activity of the Leaves Methanolic Extract of *Silybum marianum* (L.) Gaertn.', *Egyptian Journal of Chemistry* doi: 10.21608/ejchem.2022.176808.7239
- M.Sc. thesis: Chemistry and Biology of Phenolics from *Melaleuca ericifolia* (Myrtaceae), 2007.
- Ph.D. thesis: Chemistry and Biology of Phenolics isolated from *Harpephyllum caffrum* (Anacardeaceae) and *Annona muricata* (Annonaceae), 2012.

Skills:

- Solid computer skills (Microsoft office, Adobe Photoshop, Turnitin, Xcalibur, Delta NMR, ...etc.)
- Interpersonal, oral and written communication skills.
- Teamwork skills including the ability to establish and maintain effective working relations.
- Willingness to learn and keep abreast of new developments in the teaching and research field

Personal data

- Date and place of birth: 19 May 1980, Giza.
- Nationality: Egyptian.
- Marital state: Married.
- Languages spoken: Arabic; mother tongue, English; fluent, French; fair.
- Toefl (ibt) score: 94