



CURRICULUM VITAE



Eman Shawky Anwar Mohamed

I- Personal information:

- i- **Name:** Eman Shawky Anwar Mohamed
- ii- **Present appointment:** Associate Professor at Pharmacognosy department, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.
- iii- **Date of birth:** November, 26, 1978.
- iv- **Nationality:** Egyptian.
- v- **Marital status:** Married.
- vi- **Number of children:** Two.
- vii- **Address:** 12 Ali El Fiki Street from Al Gabarti, Latin district, 21514, Alexandria, Egypt.
- viii- **Tel.:** 002/03/4977478 - 002/03/3933400 - Mobile : 002/01005294669
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II- Academic qualifications:

- i- Bachelor of Pharmaceutical sciences, Distinct with Honor degree, University of Alexandria (2001).
- ii- Master degree in Pharmaceutical sciences, Department of Pharmacognosy (2005).
The title of the thesis is: "Phytochemical investigation of some Amaryllidaceae plants"
- iii- Ph.D. in Pharmaceutical sciences, Department of Pharmacognosy (2008).
The title of the thesis is: "Phytochemical investigation of some plants belonging to family Amaryllidaceae"

III-Employment:

i- Demonstrator at the Pharmacognosy Department (9/2001):

2001- 2002: Pharmacognosy for the first year (bark, wood, leaf, flower, seed).

Phytochemistry for the third year (alkaloids, volatile oil, carbohydrates, glycosides, chromatography).

2002-2003: Applied pharmacognosy for the fourth year (microcrystal tests, spectroscopy, powder mixture, herbal remedies).

2003-2005: Pharmacognosy for the second year (fruit, herb, subterranean organs, unorganized drugs, herbal remedies).

ii- Assistant lecturer at the Pharmacognosy Department (9/2005) :

2005 -2008: Pharmacognosy for the second year (fruit, herb, subterranean organs, unorganized drugs, herbal remedies).

iii- Lecturer at the Pharmacognosy Department (9/2008) :

2008- 2015: Pharmacognosy for the second year (medicinal fruits, subterranean organs, surgical dressings, herbal remedies).

iii- Associate Professor at the Pharmacognosy Department (10/2015) :

Pharmacognosy for the second year (medicinal fruits, surgical dressings, herbal remedies).

iv- Professor at the Pharmacognosy Department (10/2020) :

Pharmacognosy for the second year (medicinal fruits, surgical dressings, herbal remedies).

Pharmacognosy II for Pharm D students (medicinal fruits).

v- Head of Pharmacognosy Department (7/2020).

IV- Reviewer for the following journals:

Industrial Crops and Products, Impact Factor= 4.19

Scientific Reports, Impact Factor= 4.1

Journal of Chromatography A, Impact Factor= 4.09

Phytomedicine, Impact Factor= 3.6

Planta Medica, Impact Factor= 2.7

“Journal of Chromatography B”. Impact Factor= 2.687

“Journal of separation Science”. Impact Factor= 2.594

“Phytochemical Analysis”. Impact Factor= 2.4

“Natural Product Research” Impact Factor= 1.9

“Applied Biochemistry and Biotechnology” Impact Factor= 1.687

“Pharmaceutical Biology” Impact Factor= 1.337

“Natural Product Sciences”

“British Journal of Pharmaceutical Research”

“British Journal of Medicine and Medical research”

“African Journal of Biotechnology”

“Journal of Pharmacognosy and Phytotherapy”

V Supervised thesis:

- 1- Mohamed M Mohy El-Din **Master Thesis**, “**Phytochemical study of certain plants belonging to family Amaryllidacea**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University. (Approved on 2012).
- 2- Sara Shaker Takkla, **Master Thesis** “**Phytochemical Investigation of Some Amaryllidaceae Plants**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University. (Approved on 2014).
- 3- Sara Shaker Takkla, **PhD Thesis**, “**Green techniques in comparison to conventional methods for the Phytochemical investigation of some Amaryllidaceae plants**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University. (Approved on 2018).
- 4- Nihal El Newehy **Master Thesis**, “**Evaluation of Herbal Medicinal Products Using Some Chemometrics-Based Methods**”, Department of Pharmacognosy, Faculty of Pharmacy, Damanhour University. (Approved on 2018).
- 5- Sara Nassef **PhD Thesis**, **Phytochemical and biological study of selected plants of the genus *Erythrina***” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 6- Hend M. Dawood **PhD Thesis**, “**Screening of some plants and natural products for aromatase inhibitory activity and isolation of some active compounds**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University. (Approved on 2019).
- 7- Marwa Khalil Master Thesis, “**Phytochemical investigation of *Nandina domestica* Thunb. plant, family Berberidaceae**” Department of Pharmacognosy, Faculty of Pharmacy, Al Azhar University. (Approved on 2020).
- 8- Reham Said Darwish **PhD Thesis**, “**Chemical and biological study of some plants of genera *Thuja* and *Juniperus*, Family Cupressaceae**”. Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University. (Approved on 2020).
- 9- Yasmin Mahgoub **PhD Thesis**, “**Genetic and chemical fingerprinting for the quality assessment of some Egyptian medicinal plants**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 10- Dina Saad Ghalaab Master Thesis, “***In vitro* Study of the Combined Effect of Propolis and a specific Pharmaceutical Drug On Free-Radical Scavenging**”

And Anti-Xanthine Oxidase Activities” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.

- 11- Nayera Ahmed Tarek Master Thesis, “**Investigation of the *in-silico* and *in-vitro* cytotoxic activities of some alkaloids isolated from Egyptian plants**”, Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 12- Hanaa Mohamed El Hadad, Master Thesis, “**Phytochemical and biological study of the oleo-gum-resin of some *Boswellia* (*Olibanum*) species**”, Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 13- Seif Asser Abou-Haif Master Thesis, “**Green techniques in comparison to conventional ones for the extraction of chemical constituents of *Ginkgo biloba* L. and *Curcuma longa* L.**” Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 14- Marina Alfi Antoun Fares Master Thesis “**Phytochemical and biological investigation of *Prosopis juliflora* L. for the identification of potential metabolic biomarkers of the plant**”. Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 15- Abeer Alaa El-Din Abd-Allah Hussien Master Thesis “**Phytochemical screening, biological studies and some technological applications of *Tagetes erecta* L.**” Department of Pharmacognosy, Faculty of Pharmacy, Pharos University.
- 16- Asmaa Mahana Eid Abdelgaleel PhD thesis “**Phytochemical and biological investigation of *Physalis pruinosa* L. and some of its isolated endophytes**”. Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University.
- 17- Nihal Mohamed El Sayed Mohamed El Newehy, Master Thesis “**Phytochemical and biological investigation of *Punica granatum* L. for the identification of its potential metabolic biomarkers**” Department of Pharmacognosy, Faculty of Pharmacy, Damanhour University

VI-List of publications:

- 1- (-)-Amarbellisine, a Lycorine-type alkaloids from *Amaryllis belladonna* L. growing in Egypt, Antonio Evidente, Anna Andolfi, Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammada, **Eman Shawky** and Andrea Motta, *Phytochemistry*, 65, 2113 (2004).

- 2- Phytochemical and biological studies of *Amaryllis belladonna* L. cultivated in Egypt
Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda, **Eman Shawky**, *Alex. J. Pharm. Sci.*,19(2), 147(2005).
- 3- Determination of Rutin in *Amaryllis belladonna* L. flowers by HPTLC and Spectrophotometry, Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda, **Eman Shawky**, *Chromatographia*, 64,109 (2006).
- 4- New rapid validated HPTLC method for the determination of Lycorine in Amaryllidaceae plants extracts, Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda and **Eman Shawky**, *Chromatographia*, 65,497(2007).
- 5- Phytochemical and biological investigation of *Hymenocallis littoralis* Salsib. Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda, **Eman Shawky**, Eri Kinoshita and Hiromitsu Takayama. *Chemistry and Biodiversity*, 5, 332(2008).
- 6- New rapid validated HPTLC method for the determination of Galanthamine in Amaryllidaceae plant extracts" Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda, **Eman Shawky**, *Phytochemical Analysis*, 19, 353 (2008).
- 7- Acetylcholinesterase inhibitor activity of some Amaryllidaceae plant extracts and their alkaloidal isolates, Hala M. Hammoda, Amina H. Abou-Donia, Soad M. Toaima, **Eman Shawky**, *Alex. J. Pharm. Sci.*, 25(1), 26 (2011).
- 8- Development and validation of an HPTLC method for the simultaneous determination of diosmin and hesperidin in different citrus fruit extracts and pharmaceutical formulations. **Eman Shawky**, *Journal of Planar Chromatography - Modern TLC*, 25 (2012), 138-144.
- 9- Bio-guided isolation of acetylcholinesterase inhibitory alkaloids from the bulbs of *Crinum bulbispermum*, Amina H. Abou-Donia, **Eman Shawky**, Mohamed M. Moh, Hiromitsu Takayama, Ahmed A. Seif El Din. *Natural Products (An Indian Journal)*, 8, (2012), 107-114.
- 10- Screening of *Pancreatium maritimum* L. for acetylcholinesterase inhibitory alkaloids using thin layer chromatography in combination with bioactivity staining. Amina H. Abou-Donia, **Eman Shawky**, Mohamed M. Mohy El-Din, Ahmed A. Seif El Din. *Journal of Natural Pharmaceuticals*, 4 (2013), 61-66.
- 11- A Validated High-Performance Thin-Layer Chromatography (HPTLC) Method for the Quantitative Determination of Tricin in Two *Spergularia* Species, Omnia Gamal El-Dien, **Eman Shawky**, Amal H. Aly, Rokia M. Abdallah, Nabil A. Abdel-Salam, *American Journal of Analytical Chemistry*, 4 (2013), 668-673.

- 12- Determination of Synephrine and Octopamine in Bitter Orange Peel by HPTLC, with Densitometry, **Eman Shawky**. *Journal of Chromatographic Science*, 52 (2014):899-904.
- 13- A new approach to develop a standardized method for assessment of acetylcholinesterase inhibitory activity of different extracts using HPTLC and image analysis. Amina H. Abou-Donia, Fikria A. Darwish, Soad M. Toaima, **Eman Shawky**, Sarah S. Takla, *Journal of Chromatography B*, 955–956 (2014) 50–57.
- 14- *In vitro* cytotoxicity of some *Narcissus* plants extracts, **Eman Shawky**, Amina H. Abou-Donia, Fikria A. Darwish, Soad M. Toaima, Sarah S. Takla, Mahmoud Mohamed Al Asaar, *Natural Product Research*, , 29 (2014), 363-365.
- 15- Phytochemical and Biological Investigation of *Spergularia marina* (L.) Griseb. Growing in Egypt, Omnia Gamal El-Dien, **Eman Shawky**, Amal H. Aly, Rokia M. Abdallah, and Nabil A. Abdel-Salam, *Natural Product Sciences* 20 (2014): 152-159.
- 16- HPTLC and GC-MS Study of Amaryllidaceae Alkaloids of Two *Narcissus* species, **Eman Shawky**, Amina H. Abou-Donia, Fikria A. Darwish, Soad M. Toaima, Sarah S. Takla, Natalia B. Pigni, Jaume Bastida, *Chemistry & Biodiversity*, 12 (2015):1184-99.
- 17- Phytochemical and biological Investigation of *Clivia nobilis* flowers Cultivated in Egypt. **Eman Shawky**, *Iranian Journal of Pharmaceutical Research*, (2016), 15 (3): 531-535.
- 18- Multivariate analyses of NP-TLC chromatographic retention data for grouping of structurally-related plant secondary metabolites, **Eman Shawky**, *Journal of Chromatography B*, 1029 (2016) 10–15.
- 19- Evaluation of the effect of extraction solvent and organ selection on the chemical profile of *Astragalus spinosus* using HPTLC- multivariate image analysis, **Eman Shawky**, Dina A Selim, *Journal of Chromatography B*, 1061–1062 (2017) 134–134.
- 20- Simultaneous Determination of Soyasaponins and Isoflavones in Soy (*Glycine max* L.) Products by HPTLC-densitometry-Multiple Detection, **Eman Shawky** and Shaimaa M. Sallam, *Journal of Chromatographic Science*, 2017, 1–7.
- 21- In-silico profiling of the biological activities of Amaryllidaceae alkaloids, **Eman Shawky**, *Journal of Pharmacy and Pharmacology*, 2017 Nov; 69(11):1592-1605.
- 22- Rapid discrimination of different Apiaceae species based on HPTLC fingerprints and targeted flavonoids determination using multivariate image analysis, **Eman Shawky**, Rasha M. Abu El-Khair, *Phytochemical Analysis* 2018, 29, 452-462
- 23- Fingerprint profile and efficacy-associated markers of *Nigella sativa* oil for geographical origin determination using targeted and untargeted HPTLC-multivariate

analysis, **Eman Shawky**, Nihal M. El Newehy, Amira M. Beltagy, Mohammad M. Abd-Alhaseeb, Gamal Omran, Fathalla mohamed Harraz, *Journal of Chromatography B*, 2018, 1087-1088, 108-117.

24- Validated HPTLC Method for Dihydrokaempferol-4'-O-glucopyranoside Quantitative Determination in Alcea Species, Nabil A Abdel Salam, Nabila M Ghazy, **Eman Shawky**, Mary Labib Shenouda, *Journal of chromatographic science* 2018, 56(6), 518–523.

25- Integrated in silico - in vitro strategy for screening of some traditional Egyptian plants for human aromatase inhibitors, Hend M. Dawood, Reham Said Ibrahim, **Eman Shawky**, Aly Metwally, *Journal of Ethnopharmacology* 2018, 224, 359-372.

26- Green techniques in comparison to conventional ones in the extraction of Amaryllidaceae alkaloids: Best solvents selection and parameters optimization, Sarah S. Takla, **Eman Shawky**, Hala M Hammoda, Fikria A. Darwish, *Journal of Chromatography A* 2018, 1567, 99-110.

27- Bioprofiling for the quality control of Egyptian propolis using an integrated NIR-HPTLC-image analysis strategy, **Eman Shawky**, Reham Said Ibrahim, *Journal of Chromatography B* 2018, 1096, 75-86.

28- Rapid Authentication and Quality Evaluation of *Cinnamomum verum* Powder Using Near-Infrared Spectroscopy and Multivariate Analyses, **Eman Shawky**, Dina A. Selim, Aug 2018, *Planta Medica*. 84(18): 1380-13

29- Phytochemical and Biological Investigation of *Narcissus pseudonarcissus* Cultivated in Egypt, **Eman Shawky**; Hala Hammoda; Amina Abou Donia; Soad Toaima; Eri Kinoshita; Hiromitsu Takayama *Records of Pharmaceutical and Biomedical Sciences*, 2018, 1, 26-34.

30- Evaluation of the influence of green extraction solvents on the cytotoxic activities of *Crinum* (Amaryllidaceae) alkaloid extracts using in-vitro-in-silico approach, **Eman Shawky**, Sarah S. Takla, Hala M Hammoda, Fikria A. Darwish, *Journal of Ethnopharmacology* 2018, 139-149.

31- Profiling of acetylcholinesterase inhibitory alkaloids from some *Crinum*, *Habranthus* and *Zephyranthes* species by GC–MS combined with multivariate analyses and in silico studies , **Eman Shawky**, Samah El Sohafy, de Andrade, J.P., de Souza Borges, W. *Natural Product Research*, 2019, Article in Press

32- NIR spectroscopy-multivariate analysis for discrimination and bioactive compounds prediction of different Citrus species peels, **Eman Shawky**, Dina A. Selim,

Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 219, 1-7.

33- Prediction of potential cancer-related molecular targets of North African plants constituents using network pharmacology-based analysis, **Eman Shawky**, *Journal of Ethnopharmacology*, 2019, 238, 111826

34- Peroxidase inhibitory and antioxidant constituents from *Juniperus L.* species guided by HPTLC-bioautography and molecular docking studies, 2019, Reham S Darwish, **Eman Shawky**, Hala M Hammoda, Fathallah M Harraz, *Natural Product Research*, 1-5.

35- Effect of polyphenolic compounds isolated from *Nandina domestica* Rhunb. Leaves growing in Egypt against induced eczema in mice. KF Taha, M Khalil, MS Abubakr, **Eman Shawky**, 2019, *Az. J. Pharm Sci.* Vol. 59, 1-7.

36- Synthesis, biological evaluation, and docking study of indole aryl sulfonamides as aromatase inhibitors, M Fantacuzzi, B De Filippis, M Gallorini, A Ammazalorso, L Giampietro, **Eman Shawky**, 2020, *European journal of medicinal chemistry* 185, 111815

37- Untargeted and targeted chemical profiling for efficacy-directed discrimination of *Hedera helix L.* subspecies using HPTLC-image analysis and HPTLC/MS, **Eman Shawky**, Samah M El Sohafy, 2020, *Industrial Crops and Products* 145, 111980.

38- Identifying cancer-related molecular targets of *Nandina domestica* Thunb. by network pharmacology-based analysis in combination with chemical profiling and molecular docking studies, KF Taha, M Khalil, MS Abubakr, **Eman Shawky**, 2020, *Journal of Ethnopharmacology* 249, 112413

39- NIR spectroscopy-multivariate analysis for rapid authentication, detection and quantification of common plant adulterants in saffron (*Crocus sativus L.*) stigmas **Eman Shawky**, Rasha M A El-Khair, Dina A Selim, *LWT, food science and technology*, 2020, 109032

40- A new thin-layer chromatography–direct bioautography assay for the qualitative and quantitative determination of peroxidase inhibitors in plant extracts, Reham S Darwish, **Eman Shawky**, Hala M Hammoda, Fathallah M Harraz, 2020, *JPC–Journal of Planar Chromatography–Modern TLC*, 1-7.

41- Detection and quantification of active pharmaceutical ingredients as adulterants in *Garcinia cambogia* slimming preparations using NIR spectroscopy combined with

chemometrics, Dina A Selim, **Eman Shawky**, Rasha Abu El-Khair, 2020, *Records of Pharmaceutical and Biomedical Sciences* 4 (1), 62-71.

42- Quantitative Nuclear Magnetic Resonance and High-Performance Thin-Layer Chromatography of Cupressuflavone as a Marker for Cupressus Species, Mohamed A. Farag, Fathalla M. Harraz, Hala M. Hammoda, **Eman Shawky**, Asmaa Mahana, Amr El-Hawiet, *Revista Brasileira de Farmacognosia* (2020).

43- Efficacy-directed discrimination of the essential oils of three Juniperus species based on their in-vitro antimicrobial and anti-inflammatory activities, Reham S. Darwish, Hala M. Hammoda, Doaa A. Ghareeb, Ali S. A. Abdelhamid, El MoatazBellah El Naggar, Fathallah M. Harraz, **Eman Shawky**, 2020, *Journal of Ethnopharmacology*, 112971.

44- Near-infrared spectroscopy combined with chemometrics for quality control of German chamomile (*Matricaria recutita* L.) and detection of its adulteration by related toxic plants, Yasmin A. Mahgoub, **Eman Shawky**, Fikria A. Darwish, Nadia A. El Sebakhy, Amr M. El-Hawiet, 2020, *Microchemical Journal*, Volume 158, 105153.

45- Effect of ontogeny on the content of the hallucinogenic alkaloids atropine and scopolamine in the different organs of some Solanaceae plants, Samah El Sohafy, **Eman Shawky**, Shaimaa M. Sallam, *Natural Product Research*, 2020, Article in Press.

46- Potential role of medicinal plants and their constituents in the mitigation of SARS-CoV-2: identifying related therapeutic targets using network pharmacology and molecular docking analyses, **Eman Shawky**, Ahmed A. Nada and Reham S. Ibrahim, **RSC Advances**, 2020,**10**, 27961-27983.

47-Chemical profiling of Egyptian propolis and determination of its xanthine oxidase inhibitory properties using UPLC-MS/MS and chemometrics, Dina S. Gallab, Mohamed M. Moheyeldin, **Eman Shawky**, Aly M Metwally, Reham S. Ibrahim, *LWT, food science and technology*, 2020, accepted, in press.

48- Chemical Constituents from Artemisia annua and Vitex agnus-castus as New Aromatase Inhibitors: In-vitro and In-silico Studies, Hend Dawood, **Eman Shawky**, Hala M. Hammoda, Aly Mostafa Metwally, Reham Said Ibrahim, *Journal of the Mexican Chemical Society*, 2020, accepted, in press.

49- Evaluation of the effect of seasonal variation and organ selection on the chemical composition and antimicrobial activity of the essential oil of Oriental-cedar (*Platyclaudus orientalis* (L.) Franco), Reham S. Darwish, **Eman Shawky**, Hala M. Hammoda, El MoatazBellah El Naggar, Fathallah M. Harraz, *Journal of Essential Oil Research*, 2020, accepted, in press.

VI- Conferences

- 1st Euro-Mediterranean Conference for Marine and Natural Products. Sharm El-Sheikh, 31 October – 4 November, 2008. "Bioactivity-Directed Fractionation of *Narcissus cv.* Breath of Spring for the isolation of Acetylcholinesterase Inhibitory Alkaloids" Amina H. Abou-Donia, Soad M. Toaima, Hala M. Hammoda, Eman Shawky, (Poster and Proceeding)
- Attendance of the Biovision conference 2010, Alexandria, Egypt.
- Attendance of BioVision Alexandria 2014, Bibliotheca Alexandrina, Alexandria, 7-9 April, 2014.
- Attendance of Pharos University conference 2015, Alexandria, Egypt.
- Attendance of the Biovision conference 2016, Alexandria, Egypt.
- Attendance of the Biovision conference 2018, Alexandria, Egypt.
- Reham S. Darwish, Eman Shawky, Hala M. Hammoda, Fathallah M. Harraz. Identification of peroxidase inhibitors in plant extracts through validated HPTLC-direct bioautography assays and NMR spectroscopy. *Participated as a poster in the International Conference on Pharmaceutical & Healthcare Sciences (PHS 2019) on 6-7 November 2019, Hilton Alexandria Green Plaza.*
- 2nd International conference of Pharmaceutical and Medical Sciences, Faculty of Pharmacy, Sue canal University, 8-9/ 12 /2019 (Poster presentation)
- International Conference on Pharmaceutical and Healthcare Sciences "PHS 2019, 6-7/11/2019 (Oral presentation).
- “Multidisciplinary approaches in pharmaceutical sciences”, Pharos University, 11-12/3/2020 (Oral presentation).

VII- Training courses and workshops:

- Attendance of Faculty and Leadership Development project (24 courses).
- Attendance of Program Specifications and Program Report work shop at Faculty of Pharmacy, Alexandria University, Alexandria, 21 December, 2008.
- Attendance of Course Specification work shop at Faculty of Pharmacy, Alexandria University, Alexandria, 19 June, 2008.

- Attendance of Course Report work shop at Faculty of Pharmacy, Alexandria University, Alexandria, 23 June, 2008.
- Attendance of lecture about Academic Standards and NARS. Faculty of Pharmacy, Alexandria University, Alexandria, 23 March, 2009.
- Attendance of work shop about Comparison between Academic Standards of Faculty of Pharmacy, Alexandria University and NARS. Faculty of Pharmacy, Alexandria University, Alexandria, 31 March, 2009.
- Attendance of work shop about Student Assessment. Faculty of Pharmacy, Alexandria University, Alexandria, 13 May, 2009.
- Attendance of work shop about “how to write a scientific proposal”, Alexandria University Grants, Innovation and Technology Transfer center in cooperation with DAAD, 27 September, 2012.
- Attendance of a workshop "Assessment: The real driver for competency-based education in Pharmacy" Alexandria University, Alexandria (Dr/ Mohamed M. Issa, Ass.Prof. Pharmacy Practice Department, Faculty of Pharmacy, BAU), 18 July, 2018.
- Attendance of a workshop about "Flipping Classroom and Web-2 tools" (Dr/ Sally Galal and Dr/ Hala Zaatout, Faculty of Pharmacy, Alexandria University, Alexandria, 5 November, 2018.
- Guide to reference managers: How to effectively manage your References, **ElSevier** Researcher Academy On Campus Saturday 08 February, 2020.
- Elsevier core and research intelligence solutions on EKB, **ElSevier** Researcher Academy On Campus, Thursday 02 April, 2020
- Identifying a research topic **ElSevier** Researcher Academy On Campus Monday 06 April, 2020
- **Literature review & funding opportunities**, **ElSevier** Researcher Academy On Campus, Thursday 09 April, 2020.

Google scholar link:

https://scholar.google.com.eg/citations?user=X_psw3kAAAAJ&hl=ar&oi=ao

Scopus link:

<https://www.scopus.com/authid/detail.uri?authorId=14039354300>

Scopus Author ID: 14039354300

<http://orcid.org/0000-0003-0089-9629>