



-Personal information

Full Name:

▪ Samir Mohamed Osman, Ph.D.

Nationality:

▪ Egyptian

Date of birth:

▪ 17 April. 1965

Place of birth:

▪ Cairo, Egypt

Marital status:

▪ Married

Address:

▪ 6th October City- 60-Elbashaier – Apartment 401.

E-Mail:

▪ Samirothman1965@yahoo.co.uk

▪ pharma@o6u.edu.eg

-Education:

Ph.D. in Pharmaceutical Sciences (2007) Faculty of Pharmacy, Cairo University. Thesis: **Phytochemical and Biological studies of Jasonia montana vhal.**

Family: Compositae growing in Egypt.

Master Degree: Diploma (2015) Quality and accreditation management system in educational institution. Ain shams university.

Diploma in nutrition science (2001), Faculty of home economics - Helwan University.

Diploma in cosmetic science (1996), Faculty of Pharmacy, Cairo Univeristy, Egypt.

Diploma in pharmaceutical Science (Pharmaceutics & Pharmacognosy) (1998), Faculty of pharmacy- Cairo University.

B.Sc. in Pharmaceutical Sciences (May 1988) Faculty of Pharmacy, Cairo University, Egypt.

-Professional occupations:

▪ National Organization Drug Control and Research (1988-1990)

▪ **Owner and General Manager of Samir Osman pharmacies**

▪ **Lecturer** (Pharmacognosy Department, October 6 University, 2007-)

▪ **Ass.Prof.** Pharmacognosy Department, October 6 University, 2016- **till now**)

▪ **Head of Pharmacognosy Depertment.** Pharmacognosy Department, October 6 University, 2016- **till now**)

-Experience

Teaching experience :

Professional Skills

In the field of Pharmacognosy and Phytochemistry:

- Proficient in the use of various microscopes, sample preparation, dyeing and imaging.
- Experienced in analysis of natural products using HPLC and LC/MS techniques
- Experienced in essential oil extraction and identification using GC and GC/MS techniques.
- Experienced in extraction, isolation and structure elucidation of different secondary metabolites from natural origin.
- Experienced in biological screening of different plant extracts and isolated compounds.
- Experienced in exportation of essential oils, herbal products.
- Experienced in implementation of new methods for teaching and learning using agro- waste as an example for production of raw materials used in pharmaceutical product

Scientific trips

- Over than 50 scientific trips to collect medicinal plants from Sinai, Borg el Arab and western desert.

Association Memberships

- A member of the Association lady Anji, in Cairo (2000-now).
- President of the Association Al-Ekhlss for social services in Giza (2005-2014).
- President of the Society for the Protection of Rights of Persons with Disabilities in Giza (2010-2018).

Research experience and list of publications:

Publications

1. Soliman FM, Moussa MY, Abdallah HM, **Othman SM**. Cytotoxic Activities of Major Flavonoids of *Jasonia montana* Vahl. (Botsch). (Astraceae) growing in Egypt. **Australian Journal of Basic and Applied Sciences**. (2009); 3(1): 148-152. Impact factor (.23)
2. Hussein MA, **Samir MO**. Structure antioxidant activity relationship and free radical scavenging capacity of hesperidin. **IJPI' s J Med Chem**. (2010); 1: 7-20.
3. Mahmoud A Koheil, Mohammed A Hussein, **Samir M. Othman** and Alaa El-Haddad. Anti-inflammatory and antioxidant activities of *Moringa peregrina* Seeds. **Free Radicals and Antioxidants journals**. (2011); 1(2):49-61.
4. Mahmoud A. Koheil, Mohammed A Hussein, **Samir M Othman**, Alaa El-Haddad. In-vivo antioxidant activity of *Moringa peregrina* against STZ –induced oxidative stress in Type 2 diabetic rats. **Molecular & Clinical Pharmacology**. (2013); 4(1): 65-75.
5. **Samir M. Osman**, Ahmed S Alazzouni, Soad M Abdel Khalek, Mahmoud A Koheil, and Alaadin E El-Haddad. Phytoconstituents and Biological Activities of The Aerial Parts of *Caesalpinia gilliesii* (Hook) Family Caesalpinaceae Growing in Egypt. **Life science journal**. (2013); 10: 2418-2430.
6. **Samir M Osman**, Ahmed S Alazzouni, Mahmoud A Koheil, Soad M Abdel Khalek, and Amr M Saad Eldeen. Phytochemical Screening and Hepatoprotective Activity of the Aerial Parts of *Lotus polyphyllus* E.D. Clarke Family Fabaceae Growing in Egypt. **Life science journal**. (2013); 10: 2402-2418.

7. Gehad T El-Sherbini and **Samir M Osman**. Anthelmintic activity of unripe *Mangifera indica* L. (Mango) against *Strongyloides stercoralis*. **Int.J.Curr.Microbiol.App.Sci.** (2013); 2 (5), 401-409.
8. Heba A El-Gizawy, **Samir M Osman**, Moustafa A Abdel kawy, Mahmoud A Koheil, Ali M El halawany and Mohammed A Hussein. Seasonal variation of essential oil, oxygenated compounds content and antioxidant capacities of leaves and ripe & unripe fruits of fortunella japonica swingle (KUMQUAT). **World Journal of Medicine.** (2013); 1(4):204-215.
9. William HS. Eid GEM and **Osman SM**. Retreatment efficacy of race rotary nickel titanium system with or without solvent in oval root canals obturated with guttapercha and different sealers (an invitro study). **Cairo Dental Journal.** (2014); (1),
10. Mohamed IS Abdelhady, Amel M Kamal, **Samir M Othman**, Mohammad S Mubarak, Taibi Ben Hadda. Total polyphenolic content, antioxidant, cytotoxic, antidiabetic activities, and polyphenolic compounds of *Sophora japonica* grown in Egypt. **Medicinal Chemistry Research.** (2014); 23: 3593-3928.
11. Ahmed Gaweesh, Abd El-Naser Badawi Sengab, Hala Mohamed El-Hefnawy, **Samir Mohamed Osman** and Ahmed Muhammed Abdou. Phytoconstituents, Cytotoxic, Antioxidant and Hepatoprotective Activities of the Aerial Parts of *Lycium shawii* R. Growing in Egypt. **Medicinal & Aromatic Plants.** (2015); 4(1) 1:4
12. **Samir M Osman** and Mohammed A Hussein. Purslane Seeds Fixed Oil as a Functional Food in Treatment of Obesity Induced by High Fat Diet in Obese Diabetic Mice. **Nutrition and Food Sciences.** (2015) 5:1
13. Hossam Abdallah, Mohamed Farag, **Samir Osman**, Da hye Kim, Kyungsu Kang, Cheol-Ho Pan, and Essam Abdel-Sattar. Isolation of major phenolics from *Launaeaspinosa* and their protective effect on HepG2 cells damaged with t-BHP. **Pharmaceutical Biology.** (2015); 1-6.
14. **Samir M Osman**, Lina Gamil and Mohammed A Ramadan. Bioactivity Guided Study of *Anti-helicobacter* Activity of *Rutagraveolens*. **International Journal of Applied Research in Natural Products.** (2015); 8: 1-5.
15. **Samir M Osman**, Soad M Abd El-Khalik, Alaadin E El-Haddad, Michael Wink. A new steroidal compound (β -sitosterol-3-O-butyl) isolated from *Caesalpinia gilliesii* flowers. **International Journal of Applied Research in Natural Products.** (2015); 8:14-19.
16. Amani M Marzouk, **Samir M Osman** and Ahmed A Gohar. A new pregnane glycoside from *Gomphocarpus fruticosus* growing in Egypt. **Natural Product Research.** (2015); 1-8.
17. **Samir M Osman**, Soad M Abd El-Khalik, Amr M Saadeldeen, Mahmoud A Koheil and Michael Wink. Activity Guided Phytochemical Study of Egyptian *Lotus polyphyllus* E.D. Clarke (Fabaceae). **International Journal of Applied Research in Natural Products.** (2015) 8 (4), 18-26.
18. **Samir M Osman**, Walaa A El Kashak, Michael Wink and Mohamed A El Raey. New Isorhamnetin Derivatives from *Salsola imbricata* Forssk. Leaves with Distinct Anti-inflammatory Activity. **Pharmacognosy Magazine.** (2016); 12 (45), 47-51.
19. **Samir M Osman**, Alaadin E El-Haddad, Mohamed A El-Raey, Soad M Abd El-Khalik, Mahmoud A Koheil and Michael Wink. A New Octadecenoic Acid Derivative from *Caesalpinia gilliesii* Flowers with Potent Hepatoprotective Activity. **Pharmacognosy Magazine**; Accepted paper (2016).

20. Ali M. El-Halawany, **Samir M. Osman** & Hossam M. Abdallah, Cytotoxic constituent from *Viciamonantha* subsp. *monantha* seeds. **Natural Product Research** DOI: 10.1080/14786419.2018.1434638

21.

Posters

1. A study on the potential activity of natural products on the growth and survival of helicobacter pylori. 2nd scientific conference of faculty of pharmacy, Cairo University. April 2010 Poster participation.
2. Nutritional value and lipid composition of of *Moringa peregrina* Seeds (AL-YASSAR) growing in Egypt. The thirty two Scientific Conference of Egyptian Pharmaceutical Society Dec. 2011 Poster participation.
3. Phytochemical and biological study of *Bismarckia nobilis* belonging to family Palmae. The thirty two Scientific Conference of Egyptian Pharmaceutical Society Dec. 2011 Poster participation.
4. Phytoconstituents and biological activities of the aerial parts of *caesalpinigilliesii* (hook) family *caesalpinaceae* growing in Egypt. The 4th International Scientific Conference of Faculty of Pharmacy, Cairo University. 24th April, 2013, 3:00 P.M. at the Conference Center, University Hostel, Cairo University. Poster participation.
5. Antihyperglycemic activity and nitrile glycosides of *moringa peregrina* (Forssk.) seeds. The Euro-Mediterranean Association of Life Science (EMALS) " The 4th Euro-Mediterranean Confernece of Natural Products and Drug Discovery: Back to Mother Nature" Cairo-Sharm El-Shiekh, 3-7 March 2015. Poster participation.
6. Phytoconstituents and Biological Activity of *Lepidium sativum* (Linn) Seeds Growing in Egypt. Fourth Euro-Mediterranean conference of Natural Products and Drug Discovery: Back to Mother Nature (BioNat-IV). Cairo-Sharm El-Shiekh, 3-7 March 2015. Poster participation.
7. In vitro evaluation of chloroform and Marjoram essential oil in endodontic retreatment of oval canals obturated using gutta-percha and three different sealers. European society of endodontology. Abstracts of the ESE Wladimir Adlivankine Research Prize and Original Scientific Posters. International Endodontic Journal, 47, 50–113, 2014. Poster participation.

Conferences

1. Egyptian Pharmaceutical Society "XXXII conference of pharmaceutical sciences" December 2011.
2. Egyptian Botanical Society "4th International Conference of Botany and Microbiological Sciences" 23-24 April 2014.
3. The Euro-Mediterranean Association of Life Science (EMALS) " The 4th Euro-Mediterranean Confernece of Natural Products and Drug Discovery: Back to Mother Nature" Cairo-Sharm El-Shiekh, 3-7 March 2015.

Visiting

- Institut für Pharmazie und Molekulare Biotechnologie Im Neuenheimer Feld 364.D-69120 Heidelberg 2013.
- Training course at BUCHI Co. in Switzerland 2014.
- Training course at BUCHI Co. in Switzerland 2016.

Training and Attendance
of conferences :