

Curriculum Vitae



- **Name:** Asmaa Ibrahim Ismail Owis
- **Data of birth:** 25. 5. 1972
- **Place of birth:** Cairo - Egypt.
- **Sex :** Female
- **Marital Status :** Married , 2 sons and 1 daughter
- **Home Address:** Abd-El Ra'ouf Street- Al Ramd - Beni-Suef - Egypt.
- **Tel. no. :** (02082) 2316955
- **Mobile:** 01202500017
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- **Current Job:** Lecturer of Pharmacognosy and **Deputy Director for Quality Assurance Unit** of Faculty of Pharmacy, Beni-Suef University.
- **E-mail:** asmaa_owis@yahoo.com

Education:

- **Bachelor** in Pharmaceutical Sciences (Grade : **very good with honour**), Faculty of Pharmacy, Cairo University, Egypt, 1994
- **Master** Thesis in Pharmaceutical Sciences, Pharmacognosy, Cairo University, 2004. **Title:** "Pharmacognostical study of *Dracocephalum moldavica* L. Family Labiatae cultivated in Egypt".
- **Ph.D.** in Pharmaceutical Sciences, Pharmacognosy, Cairo University, 2010. **Title:** "Phytochemical Study of *Cassia brewsteri* growing in Egypt".

Chronology of Employment:

- **Pharmacist:** in National Organization for Drug Control & Research "NODCAR", Dokki, Cairo, Egypt, 1994 to 5/8/1995.
- **Instructor:** in Pharmacognosy Department, Faculty of Pharmacy, Beni-Suef University from 6/8/1995 to 17/1/2005.
- **Teaching Assistant:** in Pharmacognosy Department, Faculty of Pharmacy, Beni-Suef University from 18/1/2005 to 26/10/2010.
- **Lecturer:** in Pharmacognosy Department, Faculty of Pharmacy, Beni-Suef University from 27/10/2010 till now.

Career related activities:

- **Reviewer** (Beni-Suef University Journal of Basic and Applied Sciences BJBAS), from 1/1/2010 reviewing manuscript entitled:
"Morphoanatomical and Physicochemical standardization of *Casuarina equisetifolia* L. stem bark"
"Chemical variation of leaf essential oil at different stages of plant growth and *in vitro* antibacterial activity of *Thymus vulgaris* Lamiaceae, from Iran"
- **Academic advisor** for clinical pharmacy students from 2010 till now.

- Preparation of the requests for scientific apparatus, glass ware and furniture for Pharmacognosy Department, 2011-2012.
- Participation in preparing for Continuous Improvement and Qualifying for Accreditation Project (CIQAP) on 2013.
- **Organizer** for student visit to الصندوق الاجتماعي للتنمية, 18 March, 2013.
- **Part - timer** in Pharmacognosy Department, Faculty of Pharmacy, Nahda University, Fall 2013/2014 till now.
- **Deputy Director of Quality Assurance Unit** in Faculty of Pharmacy Beni-Suef University, 2/2014 till now.
- **Organizer** for "None-calories natural sweeteners" seminar - Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 12/2014.
- **Organizer** for The First International Conference for Faculty of Pharmacy, Beni-Suef University entitled Health between Nutrition and Treatment BSU-HNT2015, Beni-Suef, 30-31 August, 2015.

Research Project's contribution:

- **Principal Investigator** in the **project** funded by the Development Unit of Scientific Research, Beni-Suef University, entitled "Medicinal Plants as enormous resources for important bioactive secondary metabolites" (worth 40 000 Egyptian pounds), March 2014.
- **Principal Investigator** in the **project** funded by the Faculty of Pharmacy, Beni-Suef University, entitled "Medicinal Plants as huge resources for important bioactive secondary metabolites" (worth 20 000 Egyptian pounds), stopped due to lack of financial support.
- **Co-PI** in the **project** funded by the Development Unit of Scientific Research, Beni-Suef University, entitled "Phenolic Compounds and Antioxidant Potential of Selected Plants Used in Beni-Suef, Upper Egypt" (worth 40 000 Egyptian pounds), March 2015.

Theses supervised

1. **Master thesis** entitled "Phytochemical and Biological Studies of *Calligonum polygonoides* L. subsp. *Comsum* (L'Her.), Family: Polygonaceae, Cultivated in Egypt", Nov. 2015, Beni-Suef University.

Theses under supervision:

1. **Ph.D. thesis** entitled "Phytochemical and biological studies on some plants belonging to family Fabaceae and family Myrtaceae cultivated in Egypt", July 2013, Beni-Suef University.
2. **Ph.D. thesis** entitled "UPLC-MS & NMR metabolomic driven analysis of legume sprouts and its biological evaluation", Jan. 2014, Beni-Suef University.
3. **Master thesis** entitled "Phytochemical and Biological Studies of *Euphorbia* species cultivated in Egypt", Nov. 2014, Beni-Suef University.
4. **Master thesis** entitled "Phytochemical Study of Selected Egyptian Plants for Treatment of Breast cancer", Dec. 2014, Beni Suf University.

Research Interests:

- Isolation and purification of natural products.
- Chromatographic techniques.
- Structure elucidation of natural products using advanced spectroscopic techniques.
- Evaluation of bioactivities of plant extracts, fractions and natural products isolated thereof.
- Plant tissue culture and Biotechnology research.

Membership in:

- Syndicate of Pharmacists of Egypt.

Training Courses, seminars and workshops:

1. Training course in computer science (Introduction-Basics-Windows-Word-Excel-Powerpoint), 2010.
2. Teaching and Educational courses-Faculty and Leadership Development Center- Beni-Suef University, 2010.
3. TOEFL course-AMIDEAST- (7/2010, Exam. score= 550).
4. Endnote - Faculty of Pharmacy-Beni-Suef University - 30/1/2013.
5. How to Write a Scientific Paper for Publication in International Journals - Faculty of Pharmacy-Beni-Suef University - 25/2/2013.
6. Credit hours system - Faculty of Pharmacy-Beni-Suef University- 2013.
7. Self-Marketing - Faculty of Science - Beni-Suef University - 16/5/2013.
8. Exam control- Faculty of Pharmacy-Beni-Suef University - 21/3/2014.
9. Modern NMR Spectroscopy-*Concepts and Applications*-Faculty of Science-Beni-Suef University - 3-4/8/2014.
10. In silico screening in drug discovery- Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 2/12/2014.
11. Determination of stereochemistry by chemical methods- Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 9/12/2014.
12. None calories natural sweeteners - Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 12/2014.
13. Course specification - Faculty of Pharmacy-Beni-Suef University - 23, 24/12/2014.
14. Computer-based drug design- Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 5/3/2015
15. The last 10 years in flavonoid researches- Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 12/3/2015.
16. The last 10 years in endophyte researches - Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 19/3/2015
17. The last 10 years in triterpenes researches - Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 26/3/2015

18. The last 10 years in marine researches - Department of Pharmacognosy- Faculty of Pharmacy- Beni-Suef University- 2/4/2015
19. استخدام التكنولوجيا في التدريس - Faculty and Leadership Development Center- Beni-Suef University, 10-11/5/2016.
20. النشر الدولي للبحوث العلمية - Faculty and Leadership Development Center- Beni-Suef University, 17-18/5/2016.
21. الجوانب المالية والقانونية في الأعمال الجامعية - Faculty and Leadership Development Center- Beni-Suef University, 24-25/5/2016.
22. مهارات الاتصال في أنماط التعليم المختلفة - Faculty and Leadership Development Center- Beni-Suef University, 31/5-1/6/2016.

Awards and Prizes:

- Prize from "MEPACO-MEDIFOOD (Arab company for pharmaceutical and medicinal plants)" for the best Master Thesis in Pharmaceutical Sciences (Pharmacognosy), 2004.
- Armor of excellence from Egyptian Pharmacists Syndicate for Ph.D., 2010.
- Certificate of Appreciation from Development Unit of Scientific Research, Beni-Suef University for funding research project, (worth 40 000 Egyptian pounds), Science Festival, 2014.

Languages:

Arabic (mother tongue), English.

Attendance and Participation of Conferences:

1. 2nd International Conference for Pharmaceutical and Drug Industries Division Under The Theme of Applied Research for Drug Industry, NRC, Cairo, 7-9 March, 2005
2. حضور فعاليات المؤتمر الأول لتطوير نظم الجودة بكليات جامعة بنى سويف ٥-٦ مارس ٢٠١٣
3. 3rd Euro Med. Conference on Natural Products from Biotechnology to Nano medicine (BioNat-III), NRC, Cairo, 4-6 January, 2014.
4. حضور فعاليات المؤتمر الدولي الرابع لجامعة بنى سويف بالاشتراك مع اتحاد الجامعات العربية حول دور مؤسسات الأعمال الخاصة والمجتمع المدني في رفعة الشعوب وتقديمها بجامعة بنى سويف ١٨-١٩ فبراير ٢٠١٤
٥. حضور فعاليات مؤتمر الوقف البحثي لجامعة بنى سويف ضوايطه وموارده ومصارفه بجامعة بنى سويف ٤ مارس ٢٠١٤
6. 4th Euro Med. Conference on Natural Products from Biotechnology to Nano medicine (BioNat-IV), 3-7 March 2015 in Cairo as well as Sharm El-Sheikh, Egypt by poster
"Chemical and biological studies on *Calligonum polygonoides* growing in Egypt"
7. 1st International Conference for Faculty of Pharmacy, Beni-Suef University entitled Health between Nutrition and Treatment BSU-HNT2015, Beni-Suef, 30-31 August, 2015 by two posters:
"Assessment of cytotoxic activity of isolated phenolics from *Calligonum polygonoides*"

“Phytochemical and Pharmacological activity of *Euphorbia grandialata* R”

8. 15th Annual Oxford ICSB Conference, USA, 13-16 April 2015, by poster "Cytotoxic Phenolics From *Calligonum Polygonoides* L. Subsp. *Comosum*", abstract in *Planta Medica* 82 (05), PC49, 2016.

Participation in teaching, preparing theoretical, practical notes and exams for:

Undergraduate and Clinical Pharmacy Students:

- first year students: (Botany and medicinal plants & Pharmacognosy1)
- second year students: (Pharmacognosy 2 & 3)
- third year students: (Phytochemistry 1 & 2)
- fourth year students: (Phytotherapy)
- fifth year students: (Quality control)

Post-graduate Students:

- Isolation and Identification of Natural Products
- Plant tissue culture
- Advanced Phytochemistry
- Marine

Publications:

- 1- M.A. Selim, A.O. El Shabrawy, S.F.S. Abou Zeid and **A.I.I. Owis**, 2010. "Tannin and flavonoid compounds from *Cassia brewsteri* growing in Egypt", *Egypt. J. Biomed. Sci.*, 33: 196-208.
- 2- M.A. Selim, A.O. El Shabrawy, S.F.S. Abou Zeid and **A.I.I. Owis**, 2010. "Phytochemical study of *Cassia brewsteri* growing in Egypt", *Az. J. Pharma. Sci.*, 42: 219-229.
- 3- **Asmaa I. Owis**, 2012. "Glycosides from *Cassia brewsteri* flowers growing in Egypt", *Asian J. Pharm. Life Sci.*, 2: 428- 435.
- 4- **Asmaa I. Owis**, 2014. "Composition of essential oil from flowers of *Cordia boissieri* A.DC. and revision on the use of sesquiterpenes as taxonomic markers for genus *Cordia*". *WJPPS*, 3: 133-141.
- 5- **A.I. Owis**, 2015. "Broccoli; The green beauty: A review", *J. Pharm. Sci. & Res.*, 7: 696-703.
- 6- Nema S. Shaban, Tohamy M.A., El-Banna H.A., Abeer M. Radi, El-Gendy A.A. and **Asmaa I. Owis**, 2015. "Phytochemical and pharmacological studies of ethanolic extract of *Thymus vulgaris*", *WJPPS*, 4: 1988-2001.
- 7- Hayam Ahmed, Abeer Moawad, **Asmaa Owis**, Sameh Abouzid and Rehab Abdel-Rahman, 2015. "Phytochemical screening and evaluation of biological activity of *Calligonum polygonoides* L. subsp. *Comosum*", *J. App. Pharm. Sci.*, 5: 22-26.

- 8- **Asmaa I. Owis** and El Motaz B. El Naggar, 2016. 'Identification and quantification of the major constituents in Egyptian carob extract by liquid chromatography–electrospray ionization–tandem mass spectrometry'', *Phcog. Mag.*, 12: S1-S6.
 - 9- Hayam Ahmed, Abeer Moawad, **Asmaa Owis**, Sameh AbouZid and Osama Ahmed, 2016. "Flavonoids of *Calligonum polygonoides* and their cytotoxicity'', *Pharmaceutical Biology*, DOI: 10.3109/13880209.2016.1146778.
 - 10- **Owis AI**, Abo-youssef AM, Osman AH, 2016. "Protective effect of *Cordia boissieri* A. DC. (Boraginaceae) on metabolic syndrome'', *J. App. Pharm. Sci.*, 6(8), 83-86.
 - 11- **Asmaa I. Owis**, Nada. S. Abdelwahab, Adel A. Abul-Soad, 2016. "Elicitation of phenolics from the micropropagated endangered medicinal plant *Calligonum polygonoides* L. (Polygonaceae)", *Phcog. Mag.*, 12(47), 465-470.
 - 12- **Asmaa I. Owis**, 2016. "Phytochemical investigation of ethyl acetate extract of *Hymenosporum flavum* (Pittosporaceae) and its antimicrobial activity", *International Journal of Applied Research in Natural Products (IJARNP)*, 9(3), 31-35.
 - 13- **Asmaa I. Owis**, Amira M. Abo-youssef, Ahmed H. Osman, 2016. "Leaves of *Cordia boissieri* A. DC., as a Potential Source of Bioactive Secondary Metabolites for Protection against Metabolic Syndrome-Induced in Rats", *Zeitschrift für Naturforschung C (ZNC)*, DOI 10.1515/znc-2016-0073.
- 14-