

Curriculum Vitae



Lobna Samir El Hosseiny, Ph.D.

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Personal Information

Name Lobna Samir El Hosseiny
Department Environmental Studies
Date of Birth 8th of March, 1975
Country of Birth Alexandria, Egypt

Affiliation

Lecturer,
Department of Environmental Studies,
Institute of Graduate Studies & Research,
Alexandria University, Egypt

Education

International General Certificate of Secondary Education, 1993

El Nasr Girls College, Alexandria, Egypt

B.Sc. of Pharmaceutical Sciences, 1998

Faculty of Pharmacy, Alexandria University, Egypt

Diploma of Environmental Studies, 1999

Institute of Graduate Studies and Research, Alexandria University, Egypt

M.Sc. of Environmental Studies, 2005

Institute of Graduate Studies and Research, Alexandria University, Egypt

Thesis entitled "Assessment of the antimicrobial activity of some medicinal plants extracts"

Ph.D. of Environmental Studies, 2012

Institute of Graduate Studies and Research, Alexandria University, Egypt

Dissertation entitled "A study on the role of a volatile oil and probiotic bacteria against cadmium toxicity in rats"

Academic Employment

Lecturer Department of Environmental Studies, IGSR, Alexandria University, Egypt	Sep. 2012 – present
Assistant lecturer Department of Environmental Studies, IGSR, Alexandria University, Egypt	Jan. 2006 – Aug. 2012
Demonstrator Department of Environmental Studies IGSR, Alexandria University, Egypt	Dec. 1999 – Dec. 2005

Research Interests

Natural products chemistry
Natural antimicrobials
Antibiotic resistant pathogens

Theses Supervision

- **M.Sc. Thesis entitled** "A study on the protective action of clove volatile oil against acetamiprid toxicity in rats"
Department of Environmental Studies, Date Graduated; 2/2014.
- **M.Sc. Thesis entitled** "Effectiveness of thyme volatile oil in the prevention of biochemical and histological distortions induced by lambda-cyhalothrin in rats "
Department of Environmental Studies, Date Graduated; 2/2014.
- **M.Sc. Thesis entitled** "A study on the potential synergy of volatile oils and conventional antibiotics against *Pseudomonas aeruginosa*"
Department of Biotechnology, Date Graduated; 4/2014.
- **M.Sc. Thesis entitled** "A study of the effect of sage volatile oil on hepatic toxicity induced by amoxicillin/clavulanic acid combination in rats"
Department of Biotechnology, Date Graduated; 8/2014.

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- **M.Sc. Thesis entitled** "Study on the role of some natural antioxidants in the alleviation of cytotoxicity of an anticancer drug"
Department of Biotechnology, Date Graduated; 7/2015.
- **M.Sc. Thesis entitled** "Susceptibility of some multidrug-resistant pathogens to some natural products"
Department of Environmental Studies, Date Graduated; 9/2016.
- **M.Sc. Thesis entitled** "A comparative study on the anticancer effect of thyme essential oil and thymol on Ehrlich tumor-bearing mice"
Department of Environmental Studies, Date Graduated; 4/2017.
- **M.Sc. Thesis entitled** "Antimicrobial activity of phyto-synthesized silver nanoparticles against MDR *Pseudomonas* isolates"
Department of Environmental Studies, Date Graduated; 8/2018

Attended workshops

Faculty and Leadership Development

Center workshops

Communication skills	Mar. 2005
Research Methodology	Jun. 2005
Teaching with technology	Jun. 2006
Professional code of ethics	Jun. 2006
Intended Learning Outcomes	Mar. 2010
Accreditation Requirements	Mar. 2010
Presentation skills	Feb. 2012
The Credit Hour System	Apr. 2012
Decision making and problem solving	Dec. 2014
Organizing scientific conferences	Apr. 2015
Quality standards in education	Aug. 2015
Strategic planning	Jun. 2016
International publishing of scientific research	Aug. 2016
Design and production of digital content	October 2018

Quality assurance workshops

Quality assurance and accreditation standards	Jun. 2010 University of Alexandria Research Center, IGSR, Alexandria University, Egypt.
Internal audit of examination systems	Oct. 2012 Quality assurance center and directorate, Alexandria University, Egypt.
Academic programs, course specifications and reports	Mar. 2013 Quality assurance center and directorate, Alexandria University, Egypt.

Professional workshops

How to develop a project proposal?	Jun. 2012 Alexandria research center for adaptation on climate change, IGSR, Alexandria University, Egypt.
Training Workshop in Bioinformatics	Dec. 2013 Faculty of Agriculture, Alexandria University, Egypt.
Molecular Biology Workshop	Oct. 2014 Faculty of Medicine, Alexandria University, Egypt.
International workshop of natural products in health and disease	Mar. 2015 Euro Mediterranean Association of Life Sciences, National Research Center, Dokki, Cairo.
Research essentials, advanced technical writing and the art of debates	Dec. 2015 Center for Special Studies and Programs, Bibliotheca Alexandrina, Alexandria, Egypt.
Microbiology Lab Techniques	Feb. 2016 Medical Research Institute, Alexandria University, Egypt

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Author workshop	Oct. 2016 Elsevier Publishing campus, Faculty of Science, Alexandria University
Uses of electron microscopy in bacterial and viral examination	Nov. 2017 Faculty of Science, Alexandria University, Egypt

Attended conferences

Biovision Alexandria 2010: "New Life Sciences: Future prospects"	Apr. 2010 Bibliotheca Alexandrina, Alexandria, Egypt.
International Union of physiological sciences congress	Jul. 2013 Birmingham, U.K.
Biovision Alexandria 2014: " New Life Sciences: The Next Decade"	Apr. 2014 Bibliotheca Alexandrina, Alexandria, Egypt.
4 th International Conference of Botany and Microbiological Sciences	Apr. 2014 Suez Canal University, Ismailia
Pharmaceutical Biotechnology: The Revolution of Sciences	Dec. 2014 Institute of Graduate Studies and Research, Alexandria University, Egypt
3 rd International Conference on Prevention and Infection Control	Jun. 2015 Geneva, Switzerland
First PUA International Conference on Advances in Pharmaceutical Sciences	Oct. 2015 Pharos University, Alexandria, Egypt.
Biovision Alexandria 2016: "New Life Sciences: The Road Ahead"	Apr. 2016 Bibliotheca Alexandrina, Alexandria, Egypt.
15 th International Congress of Bacteriology and Applied Microbiology	Jul. 2017 Singapore

Other Activities

8/2013-7/2015	Member of the Laboratories and Laboratory Equipment Committee, IGSR, Alexandria University, Egypt.
8/2013-present	Member of the Exam organization and recording committee, Environmental Studies Department, IGSR, Alexandria University, Egypt
8/2013-present	Member of the Environmental Studies Department Council, IGSR, Alexandria University, Egypt.
9/2013-present	Member of the Quality assurance unit (Academic Standards and Programs), IGSR, Alexandria University, Egypt.
8/2015-7/2016	Member of the Institute's Council, IGSR, Alexandria University, Egypt.
8/2015-present	Member of the Environmental and Social Development Committee, IGSR, Alexandria University, Egypt.
8/2017-1/2018	Member of the development and administrative reform project, Alexandria University
8/2018-present	Member of the Library Committee, IGSR, Alexandria University.

Publications

- **El-Hosseiny, L.S.**, El Demerdash, F.M., Baghdadi, H.H., and El-Shenawy, M. "Protective effects of cumin essential oil and a probiotic bacterial strain against cadmium hepatotoxicity in rats", Proceedings of the International Union of Physiological Society congress (IUPS), 21-26 July, 2013, Birmingham, U.K., Abstract book, p.1027P.
- El-Shenawy, M., **El-Hosseiny, L.**, Tawfeek, M., El-Shenawy, M., Baghdadi, H., Saleh, O., Mañes, J., and Soriano, J.M., "Nasal carriage of Enterotoxigenic *Staphylococcus aureus* and risk factors among food handlers-Egypt", Food and Public Health, 2013, 3: 284-288.
- **El-Hosseiny, L.S.** and AbdelHamid, S.M. "*In vitro* comparative study of the effect of thyme oil and thymol on a multidrug resistant *Pseudomonas aeruginosa* isolate", Proceedings of the 4th International conference of Botany and Microbiological Sciences, 23-24 April, 2014, Ismailia, Egypt, Abstract book, p. 22.

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- El-Shenawy, M., Tawfeek, M., **El-Hosseiny, L.**, Farag, A., Baghdadi, H., Saleh, O., Mañes, J., and Soriano, J.M., "Cross sectional study of skin carriage and enterotoxigenicity of *Staphylococcus aureus* among food handlers", Open Journal of Medical Microbiology, 2014, 4:16-22.
- **El-Hosseiny, L.**, El-Shenawy, M., Haroun, M., and Abdullah, F., "Comparative evaluation of the inhibitory effect of some essential oils with antibiotics against *Pseudomonas aeruginosa*", International Journal of Antibiotics, 2014, Article ID 586252.
- El-Shenawy, M.A., Baghdadi, H.H. and **El-Hosseiny, L.S.** "Antibacterial activity of plants essential oils against some epidemiologically relevant food-borne pathogens", The open Public Health Journal, 2015, 8:30-24.
- **El-Hosseiny, L.S.** and El-Shenawy, M. "In vitro evaluation of the combination between some antibiotics and essential oils of clove and rosemary against *Pseudomonas aeruginosa*", Antimicrobial resistance and infection control, 2015, 4(S1):P169.
- **El-Hosseiny, L.S.**, Al-Qurashy, N.N., and Sheweita, S.A. "Oxidative stress alleviation by sage essential oil in Co-amoxiclav induced hepatotoxicity in rats", International Journal of Biomedical Science, 2016, 12; 71-78.
- Sheweita, S.A. , **El-Hosseiny, L.S.**, and Nashashibi, N.A. "Protective effects of essential oils as natural antioxidants against hepatotoxicity induced by cyclophosphamide in mice", PLOS ONE, 2016, 11;e0165667.
- **El-Hosseiny, L.S.** El-Shenawy, M. "In vitro susceptibility of some beneficial microorganisms to five essential oils", Proceedings of the 15th international congress of bacteriology and applied microbiology, 17-21 July, 2017, Singapore, Abstract book, p.BAM37.
- Abdelhamid, S.M. and **El-Hosseiny, L.S.** "Combined efficacy of thymol and silver nanoparticles against *Staphylococcus aureus*" African Journal of Microbiology Research, 2017, 11;450-457.
- Moussa, N.; El-Shenawy M. and **El-Hosseiny, L.** " Antibiotic resistance among *Klebsiella* isolates in 2010 and 2017"Antimicrobial resistance and infection control, 2018, 7(Suppl 1):64. Antimicrobial Resistance and Infection Control Conference, Taif, Saudi Arabia. 13-15 March 2018.
- **El-Hosseiny, L.S.**, El-Shenawy, M.A., Baghdadi, H.H. and Moussa, N.N. "Susceptibility of some clinically resistant bacterial isolates to thyme essential oil, chitosan and *Lactobacillus reuteri*" Microbiology research Journal International, 2018, 24(6): 1-11.
- **El-Hosseiny, L.S.** and El-Shenawy, M.A. "Antifungal and antibiofilm potential of Cumin essential oil against *Candida albicans*" Egyptian Journal of Biotechnology, 2018, 57: 85-95.