



Name:- Shahenda Metwally El-Messery

**Position:- Assistant Proffesor
Pharm. Org. Chem. Dept.
Acting Dept. Head**

Education:-

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Research interests:

Research interests focused on the design, synthesis, and evaluation of biologically active small molecules along with getting the advantage of the molecular modeling modern techniques. That leads to publications of scientific papers in peer reviewed journals.

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Computer Skills in Field of Specialization: Molecular modeling programs, ChemOffice Suite and Quantum chemical softwares

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Selected Publications:

1) Ghada S. Hassan, *Shahenda M. El-Messery*, Ahmad Abbas, *Synthesis and anticancer activity of new thiazolo[3,2-a]pyrimidines: DNA binding and molecular modeling study.* Bioorganic Chemistry 74 (2017) 41-52.

2) Yomna I. El-Gazzar Hanan H. Georgey *Shahenda M. El-Messery* Heba A. Ewida Ghada S. Hassan Marwa M. Raafat Menna A. Ewida Hussein I. El-Subbagh *Synthesis, biological evaluation and molecular modeling study of new(1,2,4-triazole or 1,3,4-thiadiazole)-methylthio-derivatives of quinazolin-4(3H)-one as DHFR inhibitors* Bioorganic Chemistry, 72 (2017) 282-292

3) Hussein I. El-Subbagh, Adel S. El-Azab, Ghada S. Hassan, *Shahenda M. El-Messery*, Alaa A.-M. Abdel-Aziz, Kamal E.H. El-Taher. *Thiadiazolodiazepine analogues as a new class of neuromuscular blocking agents: Synthesis, biological evaluation and molecular modeling study.* European Journal of Medicinal Chemistry 126 (2017) 15-23

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4) Reham Al-Harbia , Mona Shaaban, Razan Al-wegaisia , Fatma Moharram, Ola Abd El-Rahmane and *Shahenda El-Messery*. Antimicrobial Activity and Molecular Docking of Tannins from Pimenta dioica Letters in Drug Design & Discovery, 2017, 14.

5) Hussein I. El-Subbagh, Ghada S. Hassan, Kamal E.H. El-Taher, *Shahenda M. El-Messery*, Adel S. Al-Azab. Alaa A.-M. Abdelaziz, Mohamed M. Hefnawy Synthesis, biological evaluation and molecular modeling study of thiadiazolo[3,2-a][1,3]diazepine analogues of HIE-124 as a new class of short acting hypnotics. European Journal of Medicinal Chemistry 124 (2016) 237-247

Patents:

Recognitions:

- Mission Scholarship funded by the Egyptian Ministry of High Education to Institute of Structural Biology and Drug Discovery, Faculty of Pharmacy, Medicinal Chemistry Department, Virginia Commonwealth University, VA, USA to complete the Ph.D. program.
- Best Master Thesis, By Mansoura University for the year 2007-2008.
- International paper publication, Mansoura Univerisity, 2012, 2013, 2014, 2015, 2016.

Link to detailed C.V:

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Other Important links:

<http://scholar.google.com/citations?hl=en&user=hv6RWNwAAAAJ>

https://www.researchgate.net/profile/Shahenda_El-Messery