Name:- Ghada Sameh Hafez Hassan
Position:- Associate professor of Medicinal Chemistry
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Research interests:

Synthetic and medicinal organic chemistry in the areas of heterocyclic compounds. Familiarity with modern techniques including various chromatographic separation methods. Extensive use and interpretation of instrumental data, including mass spectrometry, IR, UV, ^{1}HNMR spectroscopy.

Selected Publications:

1. Synthesis, antimicrobial, anti-biolfilm evaluation, and molecular modeling study of new chalcone linked amines derivatives. Shahenda M. El-Messery, El-Sayed E. Habib, Sarah T.A. Al-Rashood, Ghada S. Hassan. ***Journal of Enzyme Inhibition and Medicinal Chemistry***, 2018, 33, 818-832.
2. Tyrosine Kinase Inhibition Effects of Novel Pyrazolo[1,5-a]pyrimidines and Pyrido[2,3-d]pyrimidines Ligand: Synthesis, Biological Screening and Molecular Modeling Studies. Mardia T. El Sayed, Hoda A. Hussein, Nora M. Elebiary, Ghada S. Hassan, Shahenda M. Elmessery, Ahmed R. Elsheakh, Mohamed Nayel, Hatem A. Abdel-Aziz. ***Bioorganic Chemistry***, 2018, 78, 312-323.
3. Design, Synthesis, Anti-inflammatory Antitumor Activities, Molecular Modeling and Molecular Dynamics Simulations of Potential Naprosyn® Analogs as COX-1 and/or COX-2 Inhibitors. Mardia T. El Sayed, Marwa A.M.Sh. El-Sharief, Eman S. Zare, Nesrin M. Morsy, Ahmed R. Elsheakh, Mohammed Nayel, , Andrey Voronkov, Vladimir Berishvili, Nermien M. Sabry , Ghada S. Hassan, Hatem A. Abdel-Aziz. ***Bioorganic Chemistry***, 2018, 76, 188-201.
4. Synthesis and anticancer activity of New Thiazolo[3,2-*a*]pyrimidines: DNA Binding and Molecular Modeling Study. Ghada S. Hassan, Shahenda M. El-Messery, Ahmad Abbas, ***Bioorganic Chemistry*****,** 2017, 74, 41-52.
5. Synthesis and Antitumor Activity of Certain New Thiazolo[2,3-*b*]quinazoline and Thiazolo[3,2-*a*]pyrimidine Analogs. G.S. Hassan. ***Med. Chem. Res.***, 2014, 23, 388-401.

Patents:

1. **European Patent EP 2 514 753 B1, Aug. 2013. WIPO 2012/136356 A1, U.S. Patent US 8,741,893 B2, Jun. 03, 2014.** "6,7-Dihydro-[1,3,4]thiadiazolo-[3,2-a][1,3]diazepin derivatives and pharmaceutical compositions containing the same as hypnotic or anesthetic agent and method for their preparation."Ghada S. Hassan, Hussein I. El-Subbagh, Mohamed A. Al-Omar, Kamal E. H. El-Taher, Khalid A. Al-Rashood, Abdulrahman M. Al-Obaid, Adel S. Al-Azab, Alaa A.-M. Abdelaziz, Mohamed M. Hefnawy.

2. **European Patent EP 2 514 754 B1, Aug. 2013. WIPO 2012/136385 A1, U.S. Patent 2014/0088091 A1, Mar. 27, 2014.** "6,7-dihydro-[1,3,4]thiadiazolo-[3,2-a][1,3]diazepin derivative and pharmaceutical composition containing the same as neuromuscular blocker or skeletal muscle relaxant, and method for the preparation." Adel S. Al-Azab, Hussein I. El-Subbagh, Khalid A. Al-Rashood, Kamal E. H. El-Taher, Mohamed A. Al-Omar, Ghada S. Hassan, Fatmah A. Al-Omary, Alaa A.-M. Abdelaziz, Mohamed A. Hefnawy.

3. **European Patent EP 2 592 085 B1, July 2016, EP 2592085 A1, May. 2013.** Thiazolo[3,2-*a*][1,3]diazepine derivatives and pharmaceutical compositions containing the same as novel anticonvulsant agents and method for their preparation. Sara T. A. Al-Rashood, Hussein I. El-Subbagh, Ghada S. Hassan, Kamal E. H. El-Taher, Mohamed A. Al-Omar.

Recognitions:

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