



PROFILE

- **NAME:** Ola M. F. Abou-Ghadir
- **NATIONALITY:** Egyptian.
- **TITLE:** Lecturer in Pharm. Org. Chemistry
Department, Faculty of Pharmacy, Assiut University, Assiut, Egypt.
- **Date and place of birth:** Mar. 07, 1978, Assiut, Egypt.

OLA M. F. ABOU-GHADIR

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EDUCATION

- ❖ *Bsc of Pharmaceutical Sciences*
Faculty of pharmacy, Assiut university, Assiut, Egypt *May 2000*
- ❖ *Msc of Pharmaceutical Organic Chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *JULY 2007*
- ❖ *PhD of Pharmaceutical organic chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *JUNE 2014*

WORK EXPERIENCE

- ❖ *Pharmacist*
Center of drug research, Assiut university, Assiut, Egypt *July 2000-2002*
- ❖ *Demonstrator of Pharmaceutical Organic chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *Jan 2002-2007*
- ❖ *Assistant Lecturer of Pharmaceutical Organic chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *Aug 2007- 2014*
- ❖ *Lecturer of Pharmaceutical Organic chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *july 2014 - 2024*
- ❖ *Associate Professor of Pharmaceutical Organic chemistry*
Faculty of pharmacy, Assiut university, Assiut, Egypt *March 2024-present*

Research Experience

- Basic skills in synthesis, isolation and purification of organic compounds
- Chromatographic techniques (Column Chromatography and Preparative TLC).
- Excellent general computer skills (ICDL from the information technology center, Assiut university, Egypt)

List of Publications:

1- Published articles

1. Mostafa A. Hussein; Abdel-Hamid N. Kafafy; Samia G. Abdel-Moty and **Ola Mohamed F. Abou-Ghadir**; Synthesis and biological activities of new substituted thiazoline-quinoline derivative, *Acta Pharm.* 59 (2009) 365-382.
2. **Ola F. Abou-Ghadir**, Alaa M. Hayallah, Samia G. Abdel-Moty and Mostafa A. Hussein; Design and synthesis of some new purine-dione derivatives of potential anti-inflammatory activity, *Der Pharma Chemica* 6 (2014) 199-211.
3. **Ola F. Abou-Ghadir**, Alaa M. Hayallah, Samia G. Abdel-Moty, Mostafa A. Hussein, Ahmed S. Aboaraia and Douaa Sayed Design, Molecular Modeling and Synthesis of Some New Purine-diones and Pyridopyrimidine-diones with Anticancer Activity, *Journal of Advances In Chemistry* 13 (2017) 6065-6082.
4. Noura H. Abd Ellaha, Jelan A. Abdel-Aleem, Mariana N. Abdod, **Ola F. Abou-Ghadir**, Kamal M. Zahran and Helal F. Hetta; Efficacy of ketoconazole gel-flakes in treatment of vaginal candidiasis: formulation, in vitro and clinical evaluation, *International journal of pharmaceuticals*, 567(2019), 118472, 1-9.
5. Bahaa G.M. Youssifa, Ashraf M. Mohamed, Essam Eldin A. Osman, **Ola F. Abou-Ghadir**, Dina H. Elnaggar, Mostafa H. Abdelrahman, Laurent Treamblu, Hesham A. M. Gomaa; 5-Chlorobenzofuran-2-carboxamides: From allosteric CB1 modulators to potential apoptotic antitumor agents, *European journal of medicinal chemistry* 177 (2019), 1-11.
6. Mohammed T.-E. Maghrabya, **Ola M.F. Abou-Ghadir**, Samia G. Abdel-Moty, Asmaa Y. Ali, Ola I. A Salem; Novel class of benzimidazole-thiazole hybrids: The privileged scaffolds of potent anti-inflammatory activity with dual inhibition of cyclooxygenase and 15-lipoxygenase enzymes, *Bioorganic & Medicinal Chemistry* 28 (2020), 115403, 1-19.
7. Lamyia H. Al-Wahaibi, Ahmed M. Gouda, **Ola F. Abou-Ghadir**, Ola I. A. Salem, Asmaa T. Ali, Hatem S. Farghaly, Mostafa H. Abdelrahman, Laurent Treamblu, Hajjaj H. M. Abdu-Allah, Bahaa G. M. Youssif, Design and synthesis of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as antiproliferative EGFR and BRAFV600E dual inhibitors, *Bioorganic Chemistry* 104 (2020), 104260, 1-16.
8. Lamyia H. Al-Wahaibi, Ahmed Mostafa, Yaser A. Mostafa, **Ola F. Abou-Ghadir**, Ahmed H. Abdelazeem, Ahmed M. Gouda, Omnia Kutkat, Noura M. Abo Shama, Mahmoud Shehata, Hesham A.M. Gomaa, Mostafa H. Abdelrahman, Fatma A. M. Mohamed, Xuyuan Gu, Mohamed A. Ali, Laurent Trembleau, Bahaa G.M. Youssif, Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease; *Bioorganic Chemistry* 116 (2021), 105363, 1-14.
9. Samia M Mohamed, **Ola M Fahmy Abou-Ghadir**, Mohamed A El-Mokhtar, Ahmed S Aboaraia, Abu-Baker M Abdel- Aal, Fatty Acid Conjugated Chalcones as Tubulin Polymerization Inhibitors: Design, Synthesis, QSAR, and Apoptotic and Antiproliferative Activity; *J. Nat. Prod.* 86 (2023), 5, 1150-1158.
10. Seung-Heon Shin, Mi-Kyung Ye, Mi-Hyun Chae, Sang-Yen Geum, Ahmed S Aboaraia, Abu-Baker M Abdel-Aal, Wesam S Qayed, Hend AA Abd El-wahab, **Ola F Abou-Ghadir**, Tarek Aboul-Fadl, Effects of Lidocaine-Derived Organic Compounds on Eosinophil Activation and Survival; *Molecules* 28 (2023), 15, 5696.
11. Shimaa A Othman, **Ola F Abou-Ghadir**, Wafaa S Ramadan, Yaser A Mostafa, Raafat El-Awady, Hajjaj HM Abdu-Allah, The design, synthesis, biological evaluation, and molecular docking of new 5-aminosalicylamide-4-thiazolinone hybrids as anticancer agents; *Archiv der Pharmazie*, (2023) e2300315.

12. Anber F. Mohammed, Shimaa A. Othman, **Ola F. Abou-Ghadir**, Ahmed A. Kotb, Yaser A. Mostafa, Mohamed A. El-Mokhtar, Hajjaj H.M. Abdu-Allah, Design, synthesis, biological evaluation and docking study of some new aryl and heteroaryl thiomannosides as FimH antagonists, *Bioorganic Chemistry*, 145 (2024) 107258.

2. Presentations

1. Synthesis and potential biological activities of certain new substituted thiazoline-quinoline derivatives. Ola M. F. Abou-Ghadir, Samia G. Abdel-Moty, Mostafa A. Hussein and Abdel-Hamid N. Kafafy Assiut University *5th Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut*, March 7-8, **2006**.
2. Quinoline derivatives; Synthesis, Antimicrobial and Antiinflammatory Activity. Ola M. F. Abou-Ghadir, Samia G. Abdel-Moty, Mostafa A. Hussein and Abdel-Hamid N. Kafafy, Assiut University *6th Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut*, March 12-13, **2008**.
3. Synthesis of Some New Puine-dione Derivatives of Potential Anti-inflammatory Activity. Ola F. Abou-Ghadir, Alaa M. Hayallah, Samia G. Abdel-Moty and Mostafa A. Hussein. Assiut University *8th Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut*, March 14-15, **2012**
4. "Synthesis and anticancer activity of some new purine-dione and pyrido[2,3-d]pyrimidine derivatives" Alaa M. Hayallah, Ola F. Abou-Ghadir, Samia G. Abdel-Moty and Mostafa A. Hussein. Assiut University *9th International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut University*, March, **2014**.
5. Tarek Aboul-Fadl, Ahmed S. M. Aboraia, Abu-Baker M. Abdel-Aal, Mohammed K. Abdel-Hamid, Wesam S. Abdel-Aal, Ola M. F. Abou-Ghadir, Mariam E. I. Abdel-Rasoul, Rana M. Ibrahim, Mostafa A. Hassan, Noha G. M. Fekry, Hend A.A. Abd El-Wahab and Adel F. Youssef, Novel synthetic inhibitors of eosinophils with potential anti-asthmatic activity, *4th International Congress on Drug Discovery, Designing and Development, Chicago, Illinois, USA*, November 2-3, November, **(2017)**.
6. Tarek Aboul-Fadl, Ahmed S. M. Aboraia, Abu-Baker M. Abdel-Aal, Mohammed K. Abdel-Hamid, Wesam S. Abdel-Aal, Ola M. F. Abou-Ghadir, Mariam E. I. Abdel-Rasoul, Rana M. Ibrahim, Mostafa A. Hassan, Noha G. M. Fekry, Hend A.A. Abd El-Wahab and Adel F. Youssef, Modified Lidocaine Derivatives as a Potential Inhibitors of Eosinophils, *2nd International Congress and Exhibition on Pharmacy (Pharmacy-2018), Paris, France*, August 20-21, 8, **(2018)**.
7. Dina Abdallah Kamal el-den, Ola M. F. Abou-Ghadir , Abu-baker M. Abdel -Aal and Samia G. Abdel-Moty, Design, synthesis and biological activity of some new 1,2,4-triazole and benzimidazole derivatives, *13th International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut*, November 18-19, **2022**

Training and Workshops:

1. Workshop on "Basic concepts and practices on computer aided drug design using MOE software", Department of Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut. (Training Student), September 2006.
2. Workshop on "Basic concepts and practices on computer aided drug design using MOE software", Department of Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut. (Training Student), February 2009.
3. Virtual online workshop on Advanced and modern NMR techniques, 27-29/3/2021, NMR unit, faculty of pharmacy, Mansoura university, Egypt.
4. A training course entitled Preparing the test item for the medical sector within the implementation plan of the national system for electronic tests, which was held online 2021 on April 26-27, 2021, Measurement and evaluation center. Assiut University.

5. Writing Research Projects Funded by ITIDA, 19/10/2022, Technology Innovation Commercialization Office (TICO - Assiut University).
6. Scientific Writing Skills, 19/10/2022, Technology Innovation Commercialization Office (TICO - Assiut University).
7. 3rd Edelris Symposium on Affinity Selection-Mass Spectrometry in Drug Discovery- High Throughput Technology for Hit Generation, Virtual Event - May 31-June 1, 2023.