

Ahmed Samir Ibrahim Elkhoully

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EDUCATION AND ACADEMIC SUMMARY :

PhD in Pharmaceutical Chemistry (July 2014)

- Faculty of Pharmacy, Hacettepe University - Turkey .

MSc in Pharmaceutical Chemistry (September 2009)

- Faculty of Pharmacy, Cairo University – Egypt .

BSc in Pharmaceutical Science (May 2002)

- Faculty of Pharmacy, Zagazig University – Egypt (1997-2002)
- Cumulative Grade: very good with honor .

High School (1997)

- High School Name: Sirs El-layan High School .
- Grade : 96.25 %

WORK AND JOB HISTORY :

2019 up to date	Pharmaceutical Sciences Department, Faculty of Pharmacy, Jerash University, Jordan <i>Lecturer (Assistant professor) of Organic chemistry and Medicinal chemistry</i>
2020 up to date	Faculty of Pharmacy, Jerash University, Jordan <i>Head of Quality Assurance (QA) committee</i>
2017 -2018	Egyptian Prime Minister <i>Member of Egyptian Health Development committee</i>
2016 -2019	Medicinal Chemistry Department, Faculty of Pharmacy University of Sadat City, Menoufia – Egypt <i>Lecturer (Assistant professor) of Organic chemistry and Medicinal chemistry</i>
2014-2016	National Organization for Drug Control and Research (NODCAR), HPLC Laboratory , Cairo - Egypt <i>Researcher & technical manger</i> - Revising drug registration files, responsible for lab technical training & supervision and supervising pharmaceutical chemistry MSc students .
2010-2014	Pharmaceutical Chemistry Department, Faculty of Pharmacy , Hacettepe University, Ankara, Turkey <i>Researcher</i>

- 2008 - **Measurement uncertainty**
Organized by Egyptian Accreditation Council "EGAC "
- **Application of HPLC in Bioavailability studies (practical training)**
At Drug Research center DRC (A private bioavailability center)
- 2006 - **Drug inspection**
Organized by Central Administration for Technical Support and Project,
Pharmaceutical Reform Program & Europe Aid

TECHNICAL & ACADEMIC SKILLS :

- Ability to teach pharmaceutical and organic chemistry topics, in addition to some pharmaceutical analytical chemistry topics .
- Ability to teach & demonstrate international standards & guidelines required for quality certification of organizations. (eg, ISO 17025, WHO guidelines,etc).
- Ability to stand alone in Synthetic Chemistry laboratory .
- Ability to use **CEM Discover®SP** and **Milestone Flexiwave** microwave synthesis system .
- Ability to use different molecular modeling programs such as **Autodock** docking program & **LigandScout 3.1** Pharmacophore Generating program
- Ability to operate **Interchim Puriflash** chromatography systems ..
- Ability to operate **Agilent and Thermo HPLC** systems .
- Ability to analyze different pharmaceutical dosage forms using HPLC by performing identification, assay, impurities and content uniformity of the active ingredients.
- Ability to participate in initiation, development & maintenance of the laboratory quality system with compliance of ISO/IEC 17025 international standard .

PUBLICATIONS :

- S. Öztürk Yıldırım , R. J. Butcher, A. El-Khouly, C. Şafak and R. Şimşek. 3,3,6,6-Tetramethyl-9-(1-methyl-1H-indol-2-yl)-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione. Acta Cryst. (2012). E68, o3365-o3366, **doi:10.1107/S1600536812045722**
- El-Khouly, S. Öztürk Yıldırım, R. J. Butcher, R. Şimşek and C. Şafak. 9-(5-Bromo-1H- indol-2-yl)-1,2,3,4,5,6,7,8,9,10-decahydroacridine-1,8-dione dimethyl sulfoxide monosolvate. Acta Cryst. Acta Cryst. (2012). E68, o3337 , **doi:10.1107/S1600536812045886**
- M. G. Gündüz, R. J. Butcher, S. Öztürk Yıldırım, A. El-Khouly, C. Şafak and R. Şimşek. Ethyl 4-(5-bromo-1H-indol-3-yl)-2,6,6-trimethyl-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. Acta Cryst. (2012). E68, o3404-o3405, **doi:10.1107/S1600536812046909**
- S. Öztürk Yıldırım , R. J. Butcher, R. Şimşek, A. El-Khouly and C. Şafak. 2,2,7,7-Tetramethyl-1,2,3,4,5,6,7,8-octahydroacridine-1,8-dione. Acta Cryst. (2013). E69, o88-o89 , **doi:10.1107/S1600536812048957**
- S. Öztürk Yıldırım , R. J. Butcher, M. G. Gündüz, A. El-Khouly, R. Şimşek and C. Şafak. Ethyl 2,7,7-trimethyl-4-(1-methyl-1H-indol-3-yl)-5-oxo-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate. Acta Cryst. (2013). E69, o40-o41 , **doi:10.1107/S1600536812047976**

- A. El-Khouly, M. G. Gündüz, Ç. Çengelli, R. Şimşek, K. Erol, C. Şafak, S. Öztürk Yıldırım, R. J. Butcher. Microwave-Assisted Synthesis and Spasmodic Activity of 4-Indolylhexahydroquinoline Derivatives. Drug Res. (2013) 63, 579-585, **doi: 10.1055/s-0033-1348261**
- Miyase Gözde Gündüza, Fatma İşli, Ahmed El-Khouly, Şeniz Yıldırım, Gökçe Sevim Öztürk Fincan, Rahime Şimşek, Cihat Şafak, Yusuf Sarioğlu, Sema Öztürk Yıldırım, Ray J. Butcher. Microwave-assisted synthesis and myorelaxant activity of 9-indolyl-1,8-acridinedione derivatives. Euro. J. Med. Chem. (2014) 75, 258-266, **http://dx.doi.org/10.1016/j.ejmech.2014.01.059**
- Erdem Kamil Özer, Miyase Gözde Gündüz, Ahmed El-Khouly, Mehmet Yıldırım Sara, Rahime Şimşek, Alper Bektaş İskit, Cihat Şafak. Microwave-assisted synthesis of condensed 1,4-dihydropyridines as potential calcium channel modulators. Turk J Chem. (2015) , **doi:10.3906/kim-1412-72**
- Özge Sürücü, Gülçin Bolat, Ahmad El-Khouly, Miyase Gözde Gündüz, Rahime Şimşek, Serdar Abacı1, Filiz Kuralay, Cihat Şafak. Electrochemical Detection of Antioxidant Activities of 1,4-Dihydropyridine Derivative. Hacettepe J. Biol. & Chem. (2016) 44 (4), 535–548
- Miyase Gözde Gündüz, Gaetano Rango, Rahime Şimşek, Michlele De Luca, Cihat Şafak, Fedora Grande, Ahmed El-Khouly, Fatma İşli, Şeniz Yıldırım, Gökçe Sevim Öztürk Fincan, Giuseppina Ioele. Synthesis and photodegradation studies of analogues of muscle relaxant 1,4-dihydropyridine compounds. Acta Pharm. 67 (2017)341-355 , **doi:10.1515/acph-2017-0026**
- Erdem Kamil Ozer*, Miyase Gozde Gunduz, Ahmed El-Khouly, Yildirim Sara, Rahime Simsek, Alper Bektas Iskit and Cihat Safak. Synthesis of fused 1,4-dihydropyridines as potential calcium channel blockers. Turk J Biochem 2017, **doi 10.1515/tjb-2016-0247**
- Marwa Fouad Mansour, Micheal Assefa, Ahmed El-Khouly, Peixi Zhu, Ann Van Schepdae and Erwin Adams. Development of a reversed phase liquid chromatographic method for analysis of pyridoxal-5'-phosphate and its impurities. Electrophoresis 2018, 39, 2540-2549, **doi 10.1002/elps.201800066**
- Refaie M. Kassab, Sobhi M. Gomha, Zeinab A. Muhammad* and Ahmed S. El-khouly, "Synthesis, Biological Profile, and Molecular Docking of Some New Bismidazole Fused Templates and Investigation of Their Cytotoxic Potential as Anti-tubercular and/or Anticancer Prototypes", Medicinal Chemistry 2021, 17: 1. **doi 10.2174/1573406417666201208121458**
- Mohamed Hamdi, Hend Mohamed Abdel-Bar, Enas Elmowafy, Ahmed El-khouly, Mai Mansour, and Gehanne A.S. Awad, "Investigating the Internalization and COVID-19 Antiviral Computational Analysis of Optimized Nanoscale Zinc Oxide", ACS Omega Article ASAP. **doi: 10.1021/acsomega.0c06046**

POSTERS :

- "Synthesis and calcium channel modulatory activity of 4-(2-Indolyl)- or (3-Indolyl)- 1,4,5,6,7,8 hexahydroquinoline derivatives" 47th International Conference on Medicinal Chemistry, 6-8 July (2011), University of Lyon, **Lyon , France .**
- "Potassium channel opening and myorelaxant activities of new 9-indolyl-1,8-acridinedione derivatives " Frontiers in Medicinal Chemistry, 17-20 March (2013), **Munich, Germany .**
- " Microwave-assisted synthesis and biological evaluation of novel condensed dihydropyridine derivatives as calcium channel modulators", Frontiers in Medicinal Chemistry, 17-20 March (2013), **Munich, Germany .**

COMPUTER AND LANGUAGE SKILLS

- **Computer skills :**

Excellent Computer Skills with significant knowledge of MS Windows, MS Office (Word, Excel, Access, Power point)

- **Languages :**

- Arabic (Mother tongue)
- English (Good written and spoken)
- Turkish (fair)

PERSONAL DATA :

- Date of birth: January 14th, 1981 .
- Address: Sirs El-Layan, Menoufia, Egypt .
- Nationality: Egyptian .
- Martial Status: Married .
- Military service: Exempted.