



Curriculum Vitae

Mahmoud Farid Mahmoud

Assistant Professor

Department of Pharmaceutical Chemistry

Faulty of Pharmacy, Egyptian Russian University

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1. Personal Information

First Name / Sure Name: Mahmoud

Date of Birth: 25/10/1989

Nationality: Egyptian

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Gender: Male

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
PhD. in Pharmaceutical Sciences (Pharmaceutical chemistry)	Faculty of Pharmacy, Cairo University	Design, synthesis and biological evaluation of some novel benzenesulfonamide derivatives as potential carbonic anhydrase inhibitors	Sep 2017	Dec 2019
M.Sc. in Pharmaceutical Sciences (Pharmaceutical chemistry)	Faculty of Pharmacy, Cairo University	Synthesis and biological evaluation of some novel thiazolidinone derivatives of anticipated chemotherapeutic activity	Oct 2015	July 2017
B.SC of Pharmaceutical Science	Faculty of Pharmacy – Egyptian Russian University	Pharmacy	2007	2012

3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Assistant Professor	Egyptian Russian University- Cairo	Pharmaceutical chemistry Practical Courses	3/2020	Present
			4/2013	2/2020
Teaching Assistant	Egyptian Russian University- Cairo	Pharmaceutical chemistry Practical Courses	8/2012	3/2013
Specialist analysis	National Organization for Drug Control and Research	Analysis of Drugs		

4. Discipline

General Discipline	Pharmacist	Principle Subject	Assistant Professor

5. Professional & Technical Skills

1. Design and synthesis of novel drugs
2. Separation and identification of different pharmaceutical mixture

6. Personal Skills

Computer Skills	Self-Assessment		
	Excellent	Good	Fair
Microsoft Office			
Language Skills	Excellent	Good	Fair
Arabic			
English			

7. Scientific Activities

a) Publication:

1. Eldehna, Wagdy M., Mahmoud F. Abo-Ashour, Tarfah Al-Warhi, Sara T. Al-Rashood, Amal Alharbi, Rezk R. Ayyad, Khayal Al-Khayal et al. "Development of 2-oindolin-3-ylidene-indole-3-carbohydrazide derivatives as novel apoptotic and anti-proliferative agents towards colorectal cancer cells." Journal of Enzyme Inhibition and Medicinal Chemistry 36, no. 1 (2021): 319-328.
DOI: 10.1080/14756366.2020.1862100
2. Alkhaldi, Abdulsalam AM, Mohammad M. Al-Sanea, Alessio Nocentini, Wagdy M.

- Eldehna, Zainab M. Elsayed, Alessandro Bonardi, Mahmoud F. Abo-Ashour et al. "3-Methylthiazolo [3, 2-a] benzimidazole-Benzenesulfonamide Conjugates As Novel Carbonic Anhydrase Inhibitors Endowed With Anticancer Activity: Design, Synthesis, Biological and Molecular Modeling Studies." *European Journal of Medicinal Chemistry* (2020): 112745.
DOI: [10.1016/j.ejmech.2020.112745](https://doi.org/10.1016/j.ejmech.2020.112745)
3. Al-Warhi, Tarfah, Mahmoud F. Abo-Ashour, Hadia Almahli, Ohoud J. Alotaibi, Mohammad M. Al-Sanea, Ghada H. Al-Ansary, Hanaa Y. Ahmed, Mahmoud M. Elaasser, Wagdy M. Eldehna, and Hatem A. Abdel-Aziz. "Novel [(N-alkyl-3-indolylmethylene) hydrazono] oxindoles arrest cell cycle and induce cell apoptosis by inhibiting CDK2 and Bcl-2: synthesis, biological evaluation and in silico studies." *Journal of Enzyme Inhibition and Medicinal Chemistry* 35, no. 1 (2020): 1300-1309.
DOI: [10.1080/14756366.2020.1773814](https://doi.org/10.1080/14756366.2020.1773814)
 4. Abo-Ashour, Mahmoud F., Wagdy M. Eldehna, Alessio Nocentini, Alessandro Bonardi, Silvia Bua, Hany S. Ibrahim, Mahmoud M. Elaasser et al. "3-Hydrazinoisatin-based benzenesulfonamides as novel carbonic anhydrase inhibitors endowed with anticancer activity: Synthesis, in vitro biological evaluation and in silico insights." *European Journal of Medicinal Chemistry* 184 (2019): 111768.
DOI: [10.1016/j.ejmech.2019.111768](https://doi.org/10.1016/j.ejmech.2019.111768)
 5. Allam, Heba Abdelrasheed, Samar H. Fahim, Mahmoud F. Abo-Ashour, Alessio Nocentini, Mohamed E. Elbakry, Mohamed A. Abdelrahman, Wagdy M. Eldehna, Hany S. Ibrahim, and Claudiu T. Supuran. "Application of hydrazino and hydrazido linkers to connect benzenesulfonamides with hydrophilic/phobic tails for targeting the middle region of human carbonic anhydrases active site: Selective inhibitors of hCA IX." *European journal of medicinal chemistry* 179 (2019): 547-556.
DOI: [10.1016/j.ejmech.2019.06.081](https://doi.org/10.1016/j.ejmech.2019.06.081)
 6. Abo-Ashour, Mahmoud F., Wagdy M. Eldehna, Alessio Nocentini, Hany S. Ibrahim, Silvia Bua, Hatem A. Abdel-Aziz, Sahar M. Abou-Seri, and Claudiu T. Supuran. "Novel synthesized SLC-0111 thiazole and thiadiazole analogues: Determination of their carbonic anhydrase inhibitory activity and molecular modeling studies." *Bioorganic chemistry* 87 (2019): 794-802.
DOI: [10.1016/j.bioorg.2019.04.002](https://doi.org/10.1016/j.bioorg.2019.04.002)
 7. Eldehna, Wagdy M., Mahmoud F. Abo-Ashour, Emanuela Berrino, Daniela Vullo, Hazem A. Ghabbour, Sara T. Al-Rashood, Ghada S. Hassan et al. "SLC-0111 enamionone analogs, 3/4-(3-aryl-3-oxopropenyl) aminobenzenesulfonamides, as novel selective subnanomolar inhibitors of the tumor-associated carbonic anhydrase isoform IX." *Bioorganic chemistry* 83 (2019): 549-558.
DOI: [10.1016/j.bioorg.2018.11.014](https://doi.org/10.1016/j.bioorg.2018.11.014)
 8. Eldehna, Wagdy M., Mahmoud F. Abo-Ashour, Alessio Nocentini, Radwan S. El-Haggag, Silvia Bua, Alessandro Bonardi, Sara T. Al-Rashood et al. "Enhancement of the tail hydrophobic interactions within the carbonic anhydrase IX active site via structural extension: Design and synthesis of novel N-substituted isatins-SLC-0111 hybrids as carbonic anhydrase inhibitors and antitumor agents." *European journal of medicinal chemistry* 162 (2019): 147-160.
DOI: [10.1016/j.ejmech.2018.10.068](https://doi.org/10.1016/j.ejmech.2018.10.068)

9. Abo-Ashour, Mahmoud F., Wagdy M. Eldehna, Riham F. George, Marwa M. Abdel-Aziz, Mahmoud M. Elaasser, Nagwa M. Abdel Gawad, Antima Gupta, Sanjib Bhakta, and Sahar M. Abou-Seri. "Novel indole-thiazolidinone conjugates: Design, synthesis and whole-cell phenotypic evaluation as a novel class of antimicrobial agents." *European journal of medicinal chemistry* 160 (2018): 49-60.
DOI: [10.1016/j.ejmech.2018.10.008](https://doi.org/10.1016/j.ejmech.2018.10.008)
10. Abo-Ashour, Mahmoud F., Wagdy M. Eldehna, Alessio Nocentini, Hany S. Ibrahim, Silvia Bua, Sahar M. Abou-Seri, and Claudiu T. Supuran. "Novel hydrazido benzenesulfonamides-isatin conjugates: Synthesis, carbonic anhydrase inhibitory activity and molecular modeling studies." *European journal of medicinal chemistry* 157 (2018): 28-36.
DOI: [10.1016/j.ejmech.2018.07.054](https://doi.org/10.1016/j.ejmech.2018.07.054)
11. Abo-Ashour, Mahmoud F., Wagdy M. Eldehna, Riham F. George, Marwa M. Abdel-Aziz, Mahmoud M. Elaasser, Sahar M. Abou-Seri, and Nagwa M. Abdel Gawad. "Synthesis and biological evaluation of 2-aminothiazole-thiazolidinone conjugates as potential antitubercular agents." *Future medicinal chemistry* 10, no. 12 (2018): 1405-1419.
DOI: [10.4155/fmc-2017-0327](https://doi.org/10.4155/fmc-2017-0327)
12. Eldehna, Wagdy M., Mahmoud F. Abo-Ashour, Hany S. Ibrahim, Ghada H. Al-Ansary, Hazem A. Ghabbour, Mahmoud M. Elaasser, Hanaa YA Ahmed, and Nesreen A. Safwat. "Novel [(3-indolylmethylene) hydrazono] indolin-2-ones as apoptotic anti-proliferative agents: design, synthesis and in vitro biological evaluation." *Journal of enzyme inhibition and medicinal chemistry* 33, no. 1 (2018): 686-700.
DOI: [10.1080/14756366.2017.1421181](https://doi.org/10.1080/14756366.2017.1421181)
13. Eldehna, Wagdy M., Mahmoud F. Abo-Ashour, Alessio Nocentini, Paola Gratteri, Ibrahim H. Eissa, Mohamed Fares, Omnia E. Ismael et al. "Novel 4/3-((4-oxo-5-(2-oxoindolin-3-ylidene) thiazolidin-2-ylidene) amino) benzenesulfonamides: synthesis, carbonic anhydrase inhibitory activity, anticancer activity and molecular modelling studies." *European journal of medicinal chemistry* 139 (2017): 250-262.
DOI: [10.1016/j.ejmech.2017.07.073](https://doi.org/10.1016/j.ejmech.2017.07.073)

b. Supervision

Degree	Researcher Name
M.Sc. in Pharmaceutical Sciences (Pharmaceutical chemistry) Faculty of Pharmacy, Ain Shams University	Assem Hossam Eldeeb
M.Sc. in Pharmaceutical Sciences (Pharmaceutical chemistry) Faculty of Pharmacy, Cairo University	Mohamed Khaled Elgohary
M.Sc. in Pharmaceutical Sciences (Pharmaceutical chemistry) Faculty of Pharmacy, Cairo University	Hend Ibrahim Abd el all

c. Conference Proceedings

Conferences	Professional Conference Organizer
<p><u>Abo-Ashour, Mahmoud F., Wagdy M. Eldehna and Hatem A. Abdel-Aziz.</u> "Design, synthesis and biological evaluation of some novel 5-(benzylidene)-2-((4-methylthiazol-2-yl)imino)thiazolidin-4-one derivatives as apoptotic anti-microbial agents."</p>	<p>1st International Scientific Conference of Faculty of Pharmacy Monofia University (2019) Egypt.</p>
<p><u>Abo-Ashour, Mahmoud F., Wagdy M. Eldehna and Hatem A. Abdel-Aziz.</u> "Design, synthesis and in vitro biological evaluation of some indole-3- carbaldehyde derivatives as potent anticancer agents."</p>	<p>9th International Scientific Conference of Faculty of Pharmacy Cairo University (2018) Egypt.</p>
<p><u>Abo-Ashour, Mahmoud F., Wagdy M. Eldehna and Hatem A. Abdel-Aziz.</u> "Design, synthesis and in vitro biological evaluation of some novel 2-(2- oxoindolin-3-ylidene)benzo[4,5]imidazo[2,1-<i>b</i>]thiazol-3(2<i>H</i>)-one derivatives as apoptotic anti-proliferative agents."</p>	<p>1st International Scientific Conference of Faculty of Pharmacy Egyptian Russian University (2018) Egypt.</p>
<p>Ibrahim, Hany S., Wagdy M. Eldehna, <u>Mahmoud F. Abo-Ashour</u>, Ghada H. Al-Ansary and Hatem A. Abdel-Aziz ."Design, synthesis and biological evaluation of indole-(3-hydrazinoindoline-2-one)hybrids as anticancer agent <i>via</i> induction of apoptosis and generation of reactive oxygen species "</p>	<p>34th International Scientific Conference of Pharmaceutical Sciences Egyptian Pharmaceutical Society (2017) Egypt.</p>
<p><u>Abo-Ashour, Mahmoud F., Wagdy M. Eldehna , Mahmoud M. Elaasser and Hatem A. Abdel-Aziz.</u>" Development of certain novel indolin-2-ones as potential antitumor agents."</p>	<p>34th International Scientific Conference of Pharmaceutical Sciences Egyptian Pharmaceutical Society (2017) Egypt.</p>
<p><u>Abo-Ashour, Mahmoud F., Wagdy M. Eldehna ,Marwa M. Abdel-Aziz ,Riham F. George,Sahar M. Abou-Seri and Nagwa M. Abdel Gawad.</u>" Synthesis and in vitro biological evaluation of novel thiazolidinone-based derivatives as</p>	<p>8th International Scientific Conference of Faculty of Pharmacy Cairo University (2017) Egypt.</p>

potential antimicrobial agents."	
Ibrahim, Hany S., Wagdy M. Eldehna, <u>Mahmoud F. Abo-Ashour</u> , Ghada H. Al-Ansary and Hatem A. Abdel-Aziz ." Discovery of (((indol-3yl)methylene)hydrazono)indolin-2-one derivatives as small molecule inducing apoptosis via increasing Bax/Bcl-2 ratio."	11 th European Workshop in Drug Design (EWDD) and Mu.Ta.Lig. Training School (2017) Italy.

8. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
2 nd Computer-Assisted Drug Design Workshop (2 nd CADD-W)	Faculty of Pharmacy Kaferlsheikh university	2018	
Cellpress Journals awareness workshop	CellPress	2018	
ICDL litmus	Faculty of Pharmacy Cairo university	2017	
Advanced Pharmaceutical Analysis Workshop (HPLC, TLC& spectrophotometer)	Biotechnology center at Faculty of Pharmacy Cairo university	2012	
Body Language Course	Dr/ Khalid fouda	2012	
Enhance your skills course provided	Dr/ NermeenMagdy Abbot	2011	
Clinical Practice for Pharmacists & Scientists" Clinical Pharmacology Course"	International Culture Center	2011	
Emergency First Aid course	International Culture Center	2010	

9. Membership of Professional Associations

The General Syndicate of Pharmacists since 2012

10. Awards

The Best Research in the Department of Pharmaceutical Chemistry 2018

I certify that the information provided in this curriculum vitae is accurate.

Name	Mahmoud Farid Mahmoud	Signature		Date	1/2/2021
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