

Curriculum Vitae



Ahmed Reda Ali Sayed Ahmed Salem

Personal data

Name	Ahmed Reda Ali Sayed Ahmed Salem
Faculty	Pharmacy
Department	Medicinal Chemistry
Current position	Assistant Lecturer
Birth date & place	01/09/1988 - Mansoura, Egypt.
Nationality	Egyptian
Address	Mansoura University, Mansoura 35516, Egypt
Marital status	Single
Work Tel	+2 0502247496
Home Tel	+2 0506694260
Mobile	+2 01098384072
Fax	+2 0502247496
Email	ahmed_reda551988@yahoo.com ahmed_reda5588@mans.edu.eg
Homepage	http://www.scopus.com/authid/detail.url?authorId=55915583300 https://www.researchgate.net/profile/Ahmed_Red4 http://scholar.google.com.eg/citations?user=evvGcyAAAAAJ&hl=en http://pharfac.mans.edu.eg/media/cat_upload/logo_917990929.pdf

Education

Degree	Bachelor degree
School/University	Mansoura university
Faculty	Pharmacy
City	Mansoura
Country	Egypt
Specialization	Pharmaceutical Sciences
Finished Date	01/05/2010
Name	Pre-Master courses
Courses studied	Special course of medicinal and organic chemistry <ul style="list-style-type: none"> • Theories of drug receptor interactions • Drug biotransformation • Prodrug and computer aided drug design • Structure elucidation by spectroscopic methods UV, IR, MS, ¹ H-NMR & ¹³ C-NMR Instrumental analysis Physical chemistrv

Mathematics
English language
Computer sciences
Statistics

Finished Date 01/10/2011
Degree Master's degree
Title Molecular modeling and synthesis of certain heterocyclic compounds containing thiazole ring as potential anticancer agents
School/University Mansoura university
Faculty Pharmacy
City Mansoura
Country Egypt
Specialization Medicinal Chemistry
Finished Date 07/10/2013

Teaching experience

- Teaching the practical courses of medicinal chemistry for undergraduate students (Third year).
 - Computer-aided sketching of 2D structures of compounds (ChemBioDraw software).
 - Qualitative & quantitative determination of pharmaceutical mixtures.
- Teaching the practical courses of medicinal chemistry for undergraduate students (Fourth year).
 - Computer-aided representation of 3D structures of compounds (ChemBio3D software)
 - Quantitative determination of pharmaceutical preparations.
- Teaching the practical courses of medicinal chemistry for undergraduate students (Clinical pharmacy).
 - Quantitative determination of pharmaceutical preparations.
 - Physicochemical properties and how they affect drug action.
 - Computer-aided drug design using MOE software.

Academic performance development skills

- “Quality standards in the teaching process” workshop.
 - From 25/12/2011 to 27/12/2011.
- “Technology application in teaching” workshop.
 - From 20/05/2012 to 22/05/2012.
- “Academic publication” workshop.
 - From 09/12/201 to 10/12/2012.
- “The financial and legal aspects of business in the university” workshop.
 - From 19/05/2013 to 20/05/2013.
- “Effective presentation” workshop.
 - From 08/09/2013 to 09/09/2013.
- “Organizing scientific conferences” workshop.
 - From 12/01/2014 to 13/01/2014.
- “Communication skills in various modes of education” workshop.
 - From 04/05/2014 to 05/05/2014.

Research skills

- A detailed knowledge about the setup of various organic chemical reactions.
- Handling and operation of different equipment used for organic synthesis.
 - Drying oven
 - Rotary evaporator
 - Melting point apparatus
 - Sensitive balances
 - Ice makers
 - Water bathes
 - Desiccator apparatus

- Separation and purification of various synthesized organic compounds using different crystallizing solvents.
- Molecular docking of newly designed compounds.
- Search and collection of scientific material *via* the textbooks and websites.
- Writing and organization of thesis and papers of medicinal chemistry.

Research interests

- Medicinal chemistry.
- Computer aided drug design (CADD) & Molecular docking.
 - Using the recent docking software programs like MOE for design of new compounds with good affinity to the receptors or enzymes of interest.
- Organic Synthesis.
 - Using the classical and recent methods of organic synthesis in combination with data obtained from the molecular modeling for design and synthesis of biologically active molecules useful in treating different human diseases especially viral infections & cancer.
- Chemical biology.
 - The application of different chemical techniques and tools, often compounds produced through organic synthetic chemistry, to the study and manipulation of biological systems.
- Structure-activity relationships (SAR).
 - Establishment of a correlation between the structure of newly synthesized compounds and their biological effect to conclude the main structural features required for biological activity.
- Pharmacokinetics of drugs.
 - Study of certain pharmacokinetic features of the newly synthesized compounds.

Scientific conferences

- “3rd FUE International Conference of Pharmaceutical Sciences”.
 - From 09/02/2015 to 11/02/2015.

Scientific workshops

- “Computational Modeling and drug discovery” workshop.
 - From 01/09/2012 to 02/09/2012.
- “Computer aided drug design using MOE software” workshop
 - From 26/01/2013 to 28/01/2013.

Computer skills

Certificate of International Computer Driving License (ICDL)

Languages and standardized test scores

	Reading	Speaking	Writing
Arabic	Good	Good	Good
English	Good	Good	Good
TOEFL IBT (06/09/2014)	Total: 99 Reading: 28, Listening: 27, Speaking: 17, Writing: 27.		
French	Medium	Medium	Medium
GRE General test (12/08/2014)	Score (% below) V: 151 (50), Q: 160 (78), AW: 3 (15)		
GRE Subject test (Chemistry) (27/09/2014)	Score (% below) 770 (69)		

Scientific Achievements

SCOPUS <i>h</i> index	Citations in SCOPUS	Total no. of Int. publications in SCOPUS
2	28	2

Publications

1. "Synthesis, *in vitro* anticancer evaluation and computational studies of new thiazolo[3,2-*a*]pyrimidin-5-one derivatives" 11th International Conference of Chemistry & its Role in Development, Mansoura University, Sharm El-Sheikh, 11-15/3/2013.

Ahmed R. Ali*, Eman R. El-Bendary, Mariam A. Ghaly, Ihsan A. Shehata

2. "Novel acetamidothiazole derivatives: Synthesis and *in vitro* anticancer evaluation" European Journal of Medicinal Chemistry 69 (2013) 908-919, PMID: 24125851.

Ahmed R. Ali*, Eman R. El-Bendary, Mariam A. Ghaly, Ihsan A. Shehata

3. "Synthesis, *in vitro* anticancer evaluation and *in silico* studies of novel imidazo[2,1-*b*]thiazole derivatives bearing pyrazole moieties"

European Journal of Medicinal Chemistry 75 (2014) 492-500, PMID: 24576591.

Ahmed R. Ali*, Eman R. El-Bendary, Mariam A. Ghaly, Ihsan A. Shehata

* Corresponding author.

Scientific Experiences

- Reviewer at the following journals:
 1. European Journal of Medicinal Chemistry.
 2. Medicinal Chemistry Research.
 3. Letters in Drug Design & Discovery.
 4. Oriental Pharmacy and Experimental Medicine.
- Member in the American Chemical Society since 07/2014.

References

1- Prof. Ihsan Ahmad Shehata
Professor at Medicinal Chemistry Department,
Faculty of Pharmacy, Mansoura University, Egypt

Email: abodahab_5@mans.edu.eg,
abodahab_5@yahoo.com

Phone Number: +2 01005646161

Fax Number: +2 0502247496

2- Prof. Eman Rady El-Bendary
Professor at Medicinal Chemistry Department,
Faculty of Pharmacy, Mansoura University, Egypt

Email: emanelbendary@mans.edu.eg,
emanelbendary@yahoo.com

Phone Number: +2 01005174242

Fax Number: +2 0502247496

3- Prof. Mahmoud Bakr El-Ashmawy
Professor and former chairman of Medicinal Chemistry Department,
Faculty of Pharmacy, Mansoura University, Egypt

Email: mashmawy@mans.edu.eg,
mashmawy@yahoo.com

Phone Number: +2 0502247496

Fax Number: +2 0502247496

4- Prof. Hussein Ibrahim El-Subbagh
Professor and chairman of Medicinal Chemistry Department,
Faculty of Pharmacy, Mansoura University, Egypt

Email: subbagh@mans.edu.eg,
subbagh@yahoo.com

Phone Number: +2 01005373939

Fax Number: +2 050 2247900

5- Dr. Mariam Atef Ghaly
Assistant professor at Medicinal Chemistry Department,
Faculty of Pharmacy, Mansoura University, Egypt

Email: mariamaghaly@mans.edu.eg,
mariamaghaly2@yahoo.com

Phone Number: +2 01222935242

Fax Number: +2 0502247496