



Mohamed Fouad Radwan, PhD.
Associate Professor of Medicinal Chemistry

<i>Personal Data</i>	
Name	Mohamed Fouad Radwan
Birth Date	21/09/1960
Nationality	Egyptian
Gender	Male
Military Service	pass
Marital Status	Married
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Present Job	Associate prof. of Pharm. Chemistry, Faculty of Pharmacy – King Abdulaziz University, Jeddah, KSA.

<i>Education</i>	
Graduate studies	<p>PhD. Completed in Oct. 1994. <i>speciality:</i> Pharmaceutical Medicinal Chemistry <i>Place of study:</i> Medicinal chemistry Department, Tokyo University of pharmacy and life Science, Tokyo, Japan.</p> <p>Master of pharmaceutical Chemistry Completed in Sept. 1990. <i>speciality:</i> Pharmaceutical Medicinal Chemistry <i>Place of study:</i> Medicinal chemistry Department, Faculty of pharmacy, Al-Azhar University, Cairo, Egypt.</p>
First Degree	Bachelor of Pharmaceutical Sciences. (5 Years study from September 1979 to May 1984)
University	Assiut University
Faculty	Faculty of Pharmacy
Graduation Year	May 1984
Grade	Very Good
Notes About My Education	My study during B. Sc. degree, Master degree and PhD degree was completely in English and communication inside the classes was also in English and the Thesis's of Master degree and PhD degree were written in English.

<i>Experiences</i>		
Title	Employer	My Duty
Dominstrator Oct. 1986 to Sept. 1990 Assistant Lecturer Oct. 1990 to Oct. 1994	Medicinal Chemistry Departement, Faculty of pharmacy, Al-Azhar University, Cairo, Egypt	Responsible for all the laboratory duties , teaching and discussion of practical lessons to pharmacy students . I am responsible for teaching the practical lessons of the following courses ; 1- Organic chemistry for 1 st and 2 nd years pharmacy students. From Oct. 1986 to Oct. 1991. 2- Medicinal chemistry for 3 rd and 4 th years pharmacy students. From Oct. 1986 to Oct. 1991.
Lecturer of Medicinal Chemistry	Medicinal Chemistry Departement, Faculty of pharmacy, Al-Azhar	Responsible for teaching the following courses to undergraduate pharmacy students 1- Course of Organic Pharmaceutical Chemistry for

Lecturer of Medicinal Chemistry	University, Assiut, Egypt, Jan. 1995 to Feb. 2000.	Under graduate Pharmacy students, First year, Faculty of Pharmacy, Al-Azhar University, Assiut Branch from Jan.1995 to Feb. 2000 and then from Feb. 2000 in Faculty of Pharmacy, Minia University till now.
Associate Prof. of Medicinal Chemistry	Medicinal Chemistry Departement, Faculty of pharmacy, Minia University, Minia, Egypt, Feb. 2000 to Dec. 2005.	2- Course of Organic Pharmaceutical Chemistry for Under graduate Pharmacy students, Second year, Faculty of Pharmacy, Al-Azhar University, Assiut Branch from Jan.1995 to Feb. 2000 and then from Feb. 2000 in Faculty of Pharmacy, Minia University till now.
Associate Prof. of Medicinal Chemistry	Medicinal Chemistry Departement, Faculty of pharmacy, Minia University, Minia, Egypt, Dec. 2005-2007.	3- Course of Pharmaceutical Chemistry for Under graduate Pharmacy students, Third year, Faculty of Pharmacy, Al-Azhar University, Assiut Branch from Jan.1995 to Feb. 2000 and then from Sep. , 2002 in Faculty of Pharmacy, Minia University till now.
		4- Course of Pharmaceutical Chemistry for Under graduate Pharmacy students, Fourth year, Faculty of Pharmacy, Al-Azhar University, Assiut Branch from Sept.1996 to Feb. 2000, and then from Sep. , 2003 in Faculty of Pharmacy, Minia University till now.
		5- Sharing in teaching the general and special courses for postgraduate students (instrumental analysis, advanced organic chemistry and advanced pharm. chemistry) in Faculty of Pharmacy, Minia University, Egypt.
Visiting Associate Prof. of Pharm. Org. Chemistry	Medicinal Chemistry Departement, Faculty of pharmacy, Misr international university (MIU), Cairo.	1- Responsible for teaching Pharm. Organic Chemistry courses to undergraduate pharmacy students. 2- Supervision for the practical Organic Chemistry courses from Sept. 2006-2007.
Head of Medicinal Chemistry Department	Medicinal Chemistry Departement, Faculty of pharmacy, Minia University, Minia, Egypt, 2005-2007.	from 2005-2007.
Vice Dean	Faculty of pharmacy, Minia University, Minia, Egypt, 2005-2007.	For environment affairs and society service
Associate Prof. of Medicinal Chemistry	Faculty of pharmacy, King Abdulaziz University, Jeddah, KSA.	Course of Pharmaceutical Chemistry for Under graduate Pharm.D. students, Faculty of Pharmacy, King Abdulaziz University, Jeddah, KSA from 2007 till now.

Instrument Operating Skills

Infra Red Spectrophotometers, Computerized HPLC, Computerized Potentiometers, Spectrofluorometers and Spectrophotometers.

Computer Skills

	Name	Degree
Operating Systems	Windows 95/98	Expert
	Windows Me/XP/w7	Expert
Applications	MS Word	Expert
	MS Excel	Very Good
	MS Power Point (Presentation Design)	Expert
	Chemistry Animation Programs as ACD Labs. ®	Very Good

	and acceleray's labs.®	
	Molecular Operating Enviroment (MOE)	Very Good
Internet	Make Advanced Scientific Research Using The Internet	Expert

<i>Languages</i>	
Name	Degree
Arabic	Mother Language
English	Excellent I am excellent in English written and spoken.
Japanese	Fair
French	Fair

<i>Scientific Supervision</i>
<p>A) Ph.D. Thesis:</p> <ol style="list-style-type: none"> 1- Ph.D. degree entitled "<i>New Drugs releasing Nitrous Oxide as Expected Treating Chemical Factors</i>". For Assistant lecturer Gamal El-Din A. Ahmed (Approved in Jan. 2004). 2- Ph.D. degree entitled "<i>Synthesis of 1,4-Dihydropyridines, Pyrimidines and related compounds of Biological interest</i>". For Assistant lecturer Eiman Ahmed Mahmoud Beshr. (Approved in Jan. 2009). 3- Ph.D. degree entitled "<i>Convenient and efficient Methods for Synthesis of New Heterocycls of Prospective Biological Applications</i>". For Mohamed R. Eisa. Approved in Dec. 2009). <p>B) Master Thesis:</p> <ol style="list-style-type: none"> 1- Master Degree entitled "<i>The Use of Charge – Transfer Complexation for The analysis of Certain Cephalosporins</i>". For Pharmacist Moahmoud A. Omar (Approved in May 1999). 2- Master Degree entitled "<i>Development and Adaptation of New Analytical Methods for The Analysis of Some Selected Antihyper-tensive Compinations</i>". For Pharmacist Tamer S. Kaood (Approved in June 2002). 3- Master Degree entitled "<i>Synthesis of Some Substituted 1,2,4-Triazolo[1,5,a]Pyrimidines of Potential Biological Activity</i>". For Pharmacist Salah A. Abdel-Aziz (Approved in August 2002). 4- Master Degree entitled "<i>Synthesis and Biological Investigation of Some New Nitrone and Pyrazole-3-carboxylic Acid Derivatives</i>", For Pharmacist Mohamed R. Eisa (Approved in August 2005). 5- Master Degree entitled "<i>Design and Synthesis of Certain NewHeterocyclic Compounds of Potential Biological Activities</i>", For Pharmacist Samar A. Abass (Approved in October 2005). 6- Master Degree entitled "<i>Synthesis and Investigation of Certain Pyrazole-3-carboxylic acid Derivatives as Novel Shlef Stable Carriers for Delivery of Nitric Oxide</i>". For Pharmacist Al-Shaimaa M. Nageeb. (Approved in Jan. 2008). 7- Master Degree entitled "<i>Synthesis and Biological evaluation of Some new α-aryloxyisobutyric Acid Derivatives</i>" For Pharmacist Gamal Abd-Eltawaab. (Approved in Sep. 2008).

<i>Recent Publications</i>
<ol style="list-style-type: none"> 1) "Sonochemical and Triethylborane-induced Tin Deuteride Reduction for the Highly Diastereoselective Synthesis of (2'R)-[2'2H]-2'-Deoxyribonucleosides" E. Kawashima, Y. Aoyama, T. Sekine, M. Miyahara, M. F. Radwan, E. Nakamura, M. Kainosho, Y. Kyogoku and Y. Ishido, <i>J. Org.Chem.</i>, 60, 6980-6986 (1995). 2) "Highly Diastereoselective Synthesis of (2's)-[2'2H]-2'-Deoxyribonucleosides from the Corresponding Ribonucleosides" E. Kawashima, Y. Aoyama, M. F. Radwan, M. Miyahara, T. Sekine, M, Kainosho, Y

- .Kyogoku and Y. Ishido, *Nucleosides & Nucleotides*, **14**(3-5), 333-336 (1995).
- 3) Utility of Certain π -Acceptors for Spectrophotometric Determination of Fluoxetine hydrochloride, Hesham Salem and Mohamed F. Radwan, *Bull. Pharm. Sc., Assiut University*, vol. **22**(1), 81-89 (1999).
 - 4) Synthesis and Biological Screening of New 2,4-(1H,3H)-Quinazoliniones Including 5-Mercaptotriazole and 5-ercaptotriazole Moieties, S. E. S. Barakat, M. A. El-Zahabi and M. F. Radwan, *Az. J. Pharm. Sc.*, **23**, 36-45 (1999).
 - 5) Synthesis and hypolipidemic Activity of Some New Dibenz[c,e]azepine Derivatives, Saber E. S. Barakat, Mohamed A. El-Zahabi and Mohamed F. Radwan, *Saudi Pharm. J.*, **8**(2-3), 110-115 (2000).
 - 6) Use of Charge – Transfer Complexation in the Spectrophotometric Analysis of Some Cephalosporins, Gmal A. Saleh, Hassan F. Askal, Mohamed F. Radwan and Mahmoud A. Omar, *Talanta*, **54**, 1205-1215 (2001).
 - 7) Colorimetric Determination of Certain Dopamine Antagonist (D₂) in Pharmaceutical preparations using hematoxylin Reagent, M. F. Radwan, *Az. J. Pharm. Sc.*, **29**, 133-149 (2002).
 - 8) Spectrophotometric Determination of Three Benzamide Antipsychotics in Pure and Pharmaceutical Preparation Using Charge transfer Complex., M. F. Radwan, *Egypt. J. Biomed. Sc. Az. Univ.*, **11**, 1-12 (2003).
 - 9) Synthesis and Anticonvulsant Activity of Some New N-Substituted-1,8-Naphthalimides, A. A. El-Helby, M. A. A. El-Zahaby and M. F. Radwan, *Egypt. J. Biomed. Sc., Az. Univ.*, **11**, 13-22 (2003).
 - 10) Derivative Spectrophotometric Determination of Some Selected Antihypertensive Combinations, M. M. Mabrouk, H. Salem, M. F. Radwan and T. S. Kaood, *Egypt. J. Biomed. Sc., Az. Univ.*, **12**, 141-173 (2003).
 - 11) Synthesis And Antibacterial Screening of Some 2,5,7-Triaryl-1,2,4-Triazolo [1,5-a]pyrimidines, N. A. El-Koussi, F. A. Omar, S. A. Abdel-Aziz and M. F. Radwan, *Bull. Pharm. Sc., Assiut University*, vol. **27**(1), 141-154 (2004).
 - 12) NO-donors, part 9 [1]: Diazeniumdiolates inhibit human platelet aggregation and induce a transient vasodilatation of porcine pulmonary arteries in accordance with the NO-releasing rates, Gamal El Din A.A. Abou-Rahma, Axel Horstmann, Mohamed F. Radwan, Ali El-Emam, Erika Glusa and Jochen Lehmann, *Europ. J. Med. Chem.*, **40**, 281-287 (2005).
 - 13) One pot synthesis of tetrahydroquinoline-5-thiones and evaluation of their antimicrobial activities, Aboul-Fetouh E. Mourad, Ashraf A. Aly, Hassan H. Farag, Mohamed F. Radwan and Eman A. Beshr, *J. of Chemical Research*, 205-207 (2008).
 - 14) Design, synthesis and biological investigation of certain pyrazole-3-carboxylic acid derivatives as novel carriers for nitric oxide, El-Shimaa M. N. Abdel-Hafez, Gamal El-Din A. A. Abou-Rahma, Mohamed Abdel-Aziz, Mohamed F. Radwan and Hassan H. Farag, *J. of Biorganic & Medicinal Chemistry*, **17**, 3829-3837 (2009).
 - 15) Design, synthesis and hypolipidemic activity of novel 2-(m-tolyloxy) isobutyric acid derivatives, Gamal A. Idrees, Omar M. Aly, Gamal El-Din A. A. Abou-Rahma and Mohamed F. Radwan, *Europ. J. Med. Chem.*, **44**, 2679-2684 (2009).
 - 16) Design, synthesis and hypolipidemic activity of novel 2-(naphthalene-2-yloxy)propionic acid derivatives as desmethyl fibrate analogs, Gamal A. Idrees, Omar M. Aly, Gamal El-Din A. A. Abou-Rahma and Mohamed F. Radwan, *Europ. J. Med. Chem.*, **44**, 281-287 (2009).

Conference Participation

- 1- 113 Annual Meeting of The Pharmaceutical Society of Japan, Osaka, Japan, March, 29, 1993.
- 2- Al-Azhar First International Conference on Resent Advances in Pharmaceutical Technology and Biological Sciences. Egypt, December 19-21, 1995.
- 3- Assiut University First Pharmaceutical Sciences Conference, Assiut, March 4-5, 1998.
- 4- The Pharmaceutical Society of Egypt Conference for Pharmaceutical Sciences, Cairo, Egypt. December 8-10, 1998.
- 5- Al-Azhar Second International Conference for Pharmaceutical and Biological Sciences. EGYPT, December 19-21, 2001.
- 6- Minia University First Pharmaceutical Sciences Conference, Minia, March , 2003.
- 7- Al-Azhar Third International Conference on Resent Advances in Pharmaceutical Technology and Biological Sciences. Cairo, Egypt, December 16-18, 2003.

- 8- Assiut University Fourth Pharmaceutical Sciences Conference, Assiut, March 6-7, 2004.
 9- Al-Azhar Fourth International Conference for Pharmaceutical and Biological Sciences. Cairo, Egypt, Feb., 2006.

Research Experience and Projects

- Synthesis and Investigation of Certain Isoquinoline Derivatives as Novel Shelf-Stable Carriers for Specific Delivery of Drugs to The Brain.
- Synthesis and Investigation of Certain Quinoline Derivatives as Novel Shelf-Stable Carriers for Specific Delivery of Drugs to The Brain.
- Synthesis and Biological Activity of Some New Phthalimide and Anthranilic Acid Derivatives.
- Synthesis and Pharmacological Study of Some New aryloxyisobutyric acid Derivatives.
- Synthesis of Potential Agents for BIS (Bowel Inflammatory Syndrome) Based on TNF α 1 Inhibitors.
- Determination of nitric oxide liberated from diazonium diolate.
- Synthesis and Hypolipidemic Activity of Some 1,8-Naphthalimide Derivatives.
- Synthesis and Hypoglycemic Activity of Some sulfonylureas analogs.
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References

Name	Title	University	Telephone
Prof. Dr. Mohamed Salah Kamel	Prof. of chemistry of natural products & The Dean of Faculty of Pharmacy, Minia University.	Faculty of pharmacy, Minia University, Minia, Egypt	Office: 002 086 2369075 Fax: 002 086 2369075

Signature

Mohamed Fouad Radwan