

Curriculum Vitae

Nagwa Mohamed Abd EL Gawad, Degree (PhD)
Title (Professor)
Department of Medicinal Organic Chemistry
Faculty of Pharmacy, Egyptian Russian University
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1. Personal Information

First Name / Sure Name: *Nagwa Mohamed Abd El Gawad*

Date of Birth: *10th Oct 1951*

Address: *47 Rabaa Buildings – Nozha Street – Nasr City, ground floor no.4*

Nationality: *Egyptian*

Phone: *+0201277710710*

E-mail: *nagwa_gawad2010@yahoo.com*

Gender: *Female*

2. Education

Title of Awarded Degree	Name of Organization Providing Education	Principle Subject	Dates	
			From	To
B.Sc	Pharmacy and Pharmaceutical Sciences Cairo University		1969	1974
M.Sc	Pharmaceutical Chemistry, Cairo University.	Synthesis of some Hydrazides of Expected effect on the Central Nervous System	1975	1979
Thesis title: "Synthesis of some Hydrazides of Expected effect on the Central Nervous System"				
Ph.D	Under Channed System, between faculty of pharmacy, Cairaoniversity and faculty of Science, Leicester University, U.K	Synthesis and Oxidation of some N-amino quinazolones	1982	1986
Thesis title: "Synthesis and Oxidation of some N-amino quinazolones"				
Assistant Professor	Pharmaceutical Chemistry, Cairo University.			1999
Professor	Pharmaceutical Chemistry, Cairo			2011

	University.			
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3. Professional Experience

Occupation	Name & Address of Employer	Main Activities & Responsibilities	Dates	
			From	To
Demonstrator	Pharmaceutical Chemistry, Faculty of pharmacy, Cairo University	Teaching the practical course for the 3 rd and 4 th year	1974	1980
Research Fellow	Leicester University, Organic Chemistry, Faculty of science, Leicester, U.K	Applying research in organic medicinal chemistry with a team work	1981	1984
Assistant Lecturer	pharmaceutical Chemistry, Faculty of pharmacy, Cairo University	Teaching the Practical course for the 3 rd and 4 th year	1984	1986
Lecturer	pharmaceutical Chemistry, Faculty of pharmacy, Cairo University	Teaching theoretical course for the 4 th year and Sharing post graduate lectures	1986	1996
Lecturer	Organic Chemistry, Faculty of science, King Abdel Aziz University, Saudi Arabia,	Teaching organic chemistry for school of science and school of medicine	1996	1999
Associate professor	Organic Chemistry, Faculty of science, King Abdel Aziz University, Saudi Arabia,	Teaching Biochemistry for school of science and school of medicine	1999	2002
Associate professor	pharmaceutical Chemistry, Faculty of pharmacy, Cairo University	Teaching undergraduate and post graduate courses in medicinal chemistry	2002	2011
Professor	pharmaceutical Chemistry, Faculty of pharmacy, Cairo University	Teaching undergraduate and post graduate courses in medicinal chemistry	2011	2012
Professor	Medicinal Organic chemistry, Faculty of pharmacy, Egyptian Russian university	Teaching Pharmaceutical chemistry I and pharmaceutical chemistry II	2012	Now

4. Discipline

General Discipline		Principle Subject	
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5. Teaching Experience

Course Title	Course Code	University	Academic Years
Pharmaceutical Chemistry	802 . 803	Cairo University	2003 - 2012
Pharmaceutical Chemistry	801,802 & 803	BeniSeuif University	2007 - 2012
Medicinal Chemistry	PC 509 – PC 610	BeniSeuif University	2007 – 2012
Advance synthesis of Drugs	Post Graduate	Cairo University	2003 – 2012
Advance synthesis of Drugs	Post Graduate	BeniSeuif University	2007 - 2012

6. Professional & Technical Skills

- Participating in teaching the undergraduate pharmaceutical Chemistry (old curriculum) for third year students in Faculty of pharmacy, CairoUniversity.
- Participating in teaching the undergraduate pharmaceutical Chemistry (curriculum 802) for fourth year students in Faculty of pharmacy, CairoUniversity.
- Participating in teaching postgraduate pharmaceutical Chemistry students in Faculty of pharmacy, Cairo and Beni-SuiefUniversities.
- Participating in teaching the undergraduate pharmaceutical Chemistry for third, fourth and fifth year students in faculty of pharmacy, Beni-SuiefUniversity.

7. Personal Skills

Computer Skills	Self Assessment		
	Excellent	Good	Fair
Microsoft Windows office			
Language Skills	Self Assessment		
	Excellent	Good	Fair
Arabic			
English			
Other Skills			

8. Scientific Activities

1. Publication:

Doctoral publications

1. R.S. Atkinson, **Nagwa A. Gawad**, D.R. Russell and L.J.S.
“Intramolecular trapping of N-nitrenes: Oxidation products of 3-amino-2-(2,4-dimethoxyphenyl propyl) quinazoline-4(3H) – one.”
J. Chem. Soc. Chem. Commun. (1983), 568.
2. R.S. Atkinson, J. Fawcett, **Nagwa A. Gawad**, D.R. Russell and L.J.S. Sherry
“Intramoleclar trapping of N-Nitrenes: Trapping by a Remote 2, 4-Dimethoxy phenyl Ring.”
J. Chem. Soc. Chem. Commun. (1984), 1072.
3. R.S. Atkinson and **Nagwa A. Gawad**.
“Retarded inversion of a 1 H-Azepine Ring.”
J. Chem. Soc. Chem. Commun. (1984), 557.
4. R.S. Atkinson and **Nagwa A. Gawad**.
“Intramolecular reactions of N-Nitrenes: oxidation of 3-amino-2-(2, 4-dimethoxyphenyl ethyl) quinazolin 4(3H)-ones.”
J. Chem. Soc. Perkin Trans (1985), Vol. 1, p. 335.
5. R.S. Atkinson and **Nagwa A. Gawad**.
“Intramolecular trapping of N-nitrenes: Oxidation of 3-amino-2-(2, 4-dimethoxyphenyl propyl) Quinazolin - 4(3H) - one.”
J. Chem. Soc. Perkin Trans (1985), Vol. 1, p. 341.

Post doctoral publications:

1. A.N-Mikhael, S.E. Abbas, **N.M. Abdel Gawad**, and S.R. Mohammed and A.B. Hasan.
“Synthesi of Some New Fenamic and Naphthalene Propionic Acid Esters of Pharmacological Activities.”
Egypt J. Pharm. Sci., Vol. 33, No. 1-2, p. 149-166 (1992).
2. M.M. Hussein, S.L. El-Ansary, **N.M. El-Gawad** and M.A. Ramadan.
“Synthesis and Antimicrobical Activity of Novel Pyranobenzoles and Pyranobenz-oxazinediones.”
Egypt J. Pharm. Sci., Vol. 34, No. 4-6, p. 463-475 (1993).
3. N.M. El Sayed, M.M. Hanna, **N.M.Gawad**, H.H. Hasanein and M.Y. Ebeid.
“Condensed Pyrimidines XV.”
Bull. Fac. Pharm. Cairo Univ., Vol. 31, No. 2, p. 171-176 (1993).

4. **N.M. Gawad.**
“Intramolecular Reaction of N-Nitrenes with AromaticRings.”
AZ. J. Pharm. Sci., Vol. 14, p. 218-230 (1994).
5. A.I. Eid, S.T. Hassib, B.A. Mousa, **N.A. Gawad** and A.A. Sattar.
“Iodic Acid As An Analytical Reagent for the Spectrophotometric Determination of Diclofenac Sodium And Mefenamic Acid.”
Bull. Fac. Pharm. Cairo Univ., Vol. 33, No. 2, p. 47-51 (1995).
6. S.T. Hassib, A.I. Eid, **N.A. Gawad** and A.A. Sattar.
“Spectro-photometric Determination of Tiaprofenic Acid And Ketoprofen.”
Bull. Fac. Pharm. Cairo Univ., Vol. 33, No. 2, p. 53-57 (1995).
7. H.H. Hassanein and **N. Abdel – Gawad.**
“New Anthranilate of Potential Analgesic And Anti-inflammatory Activity.”
Zag. J. Pharm. Sci., Vol. 4, No. 1, p.168 (1995).
8. H.H. Hassanein and **N. Abdel – Gawad.**
“4 (3H) Quinazolinone – Propanediol Derivatives. A Hybrid Molecule of potential Anti-inflammatory and Antispastic Activity.”
Bull. Fac. Pharm. Cairo Univ., Vol. 33, No. 2, p. 29-33 (1995).
9. **N. Abdel – Gawad**, H.H. Hassanein, S.E. Abbas. M.M. Hanna and R. El Bagry.
“Synthesis of New Quinazolones.”
Bull. Fac. Pharm. Cairo Univ., Vol. 33, No. 2, p. 67-73 (1995).
10. **N. Abdel Gawad.**
“Synthesis of some pyrimidine Derivatives of expected Effect as antimicrobial Agents.”
Bull. Fac. Pharm. Cairo Univ., Vol. 2(37), p. 47 (1999).
11. Fatma A. Ragab, Hany M. Safwat, Mohmmmed M. Hussein, **Nagwa M. Abd-El Gawad**, Ghaneya S. Hassan and Sanaa A. Kenawy.
“Synthesis and Antimicrobial activity of Thiazolidin-4-one Derivatives carrying a Furochromone or Benzofuran moiety.”
Bull. Fac. Pharm. Cairo Univ., Vol. 44, No. 3, p. 71-82 (2006).

List of Publications for Professor promotion

- 1. Synthesis and antitumor activity of some 2, 3-disubstituted quinazolin-4(3H)-ones and 4, 6-disubstituted- 1, 2, 3, 4-tetrahydroquinazolin-2H-ones**
N.M. Abdel Gawad, H.H. Georgey, Riham M. Youssef, and Nehad A. El-Sayed.
Eur. J. Med. Chem., 2010, 45(12), 6058-6067.
- 2. Benzoxepin derivatives: design, synthesis, and pharmacological evaluation with sedative–hypnotic effect**
Nagwa M. Abdel Gawad, Ghaneya S. Hassan, Hanan H. Georgey, Hesham Y. El-Zorba
Med Chem Res DOI 10.1007/s00044-011-9579-3
- 3. Design and synthesis of some pyrazole derivatives of expected anti-inflammatory and analgesic activities**
Nagwa M. Abd-El Gawad, Ghaneya S. Hassan, Hanan Hanna Georgey
Med Chem Res DOI 10.1007/s00044-011-9606-4
- 4. Synthesis and Anticonvulsant Activity of Some Quinazolin-4-(3H)-one Derivatives**
Hanan Georgey, Nagwa Abdel-Gawad and Safinaz Abbas
Molecules 13, 2557-2569 (2008).
- 5. Anti-inflammatory Activity and PGE2 Inhibitory Properties of Novel Phenylcarbamoylmethyl Ester-Containing Compounds.**
Flora Barsoum, Hanan Georgey and Nagwa Abdel-Gawad
Molecules 14, 667-681(2009).
- 6. SYNTHESIS OF SOME NEW OXINDOLE DERIVATIVES AS POTENTIAL ANTIPSYCHOTIC AND ANTICONVULSANT AGENTS**
NAGWA M. ABDEL GAWAD^a AND AMIRA M. ABO YOUSSEF
International Journal of Pharmacy and Pharmaceutical Sciences Vol 3 Issue 3 Page 213-219, 2011
- 7. Design, synthesis, and anticonvulsant activity of novel quinazolinone analogues**
Nagwa M. Abdel Gawad, Hanan Hanna Georgey, Riham M. Youssef, Nehad A. El Sayed
Med Chem Res DOI 10.1007/s00044-010-9465-4
- 8. New Quinazolinone Derivatives: Synthesis, Anti-inflammatory and Antitumor Activities**
Safinaz E. Abbas, Nagwa M. Abdel Gawad, Hanan H. Georgey, Jalal H. Abdullah.
International Journal of ChemTech Research Vol.2, No.3, pp 1560-1577
- 9. Synthesis of some substituted acridine derivatives of anticipated antitumor activity**
S.M. El-Moghazy Aly, N.M. Abdel Gawad, D.E. Abdel Rahman, and J.H. Abdullah
Bull. Fac. Pharm. Cairo Univ., 2007, 45(3), 129-143

- 10. Synthesis and Antineoplastic Activity of Certain Triazene and Triazeno-Acridine Combilexin Derivatives** Samir M. El-Moghazy Aly, Hanan H. Georgey, Mohammed A. Mohammed, Nagwa M. Abdel Gawad, Noha H. Amin *Bull. Pharm. Sci., Assiut University*, **30(2)**, 89-110 (2007).
- 11. Synthesis and antitumor evaluation of some novel pyrrolizine derivatives** Mona M. Hanna •Nagwa M. Abdelgawad , Nashwa A. Ibrahim •Amany B. Mohammed *Med Chem Res* DOI 10.1007/s00044-011-9761-7
- 12. Design, Synthesis and Biological Evaluation of Novel Pyrimido[4,5-d] pyrimidine CDK2 Inhibitors as Anti-tumor Agents** Samir M. EL-MOGHAZY 1, Diao A. IBRAHIM * 2, Nagwa M. ABDELGAWAD 1, Nahla A. H. FARAG 3, Ahmad S. EL-KHOULY 2 *Sci. Pharm.* **2011; 79: 429–447**
- 13. Synthesis of Novel Pyrazole and Dihydropyrazoles Derivatives as Potential Anti-inflammatory and Analgesic Agents** Nagwa M. Abd-El Gawad, Hanan H. Georgey, Nashwa A. Ibrahimz., Noha H. Amin, and Rania M. Abdelsalam *Arch Pharm Res* Vol **35**, No **5**, 807-821, 2012
- 14. Synthesis and Antitumor Evaluation of Some Novel Pyrrolizine Derivatives** Mona Hanna ; Nagwa Abdelgawad ; Nashwa Ibrahim ; Amany Mohammed *Medicinal Chemistry Research*, volume 21 issue 9 (31 August 2012), pages 2349-2362
- 15. Synthesis of novel 1,3,4-trisubstituted pyrazoles as anti-inflammatory and analgesic agents** Fatma A. Ragab, Nagwa M. Abdel Gawad, Hanan H. Georgey*, Mona F. Said *European Journal of Medicinal Chemistry* **63** (2013)
- 16. Pyrazolone Derivatives: Synthesis, Anti-inflammatory, Analgesic, Quantitative Structure-Activity Relationship and in Vitro Studies** Fatma Abdel-Fattah Ragab, Nagwa Mohamed Abdel Gawad, Hanan Hanna Georgey and Mona Fikry Said *Chem Pharm Bull* **61(8)** 1-12 (2013)
- 17. Synthesis, antitumor and antibacterial activities of some novel tetrahydrobenzo [4, 5] thieno [2, 3-d] pyrimidine derivatives.** Safinaz E. Abbas ,Nagwa M. AbdelGawad, Riham F. George, Yahya A. Akar *European journal of medicinal chemistry* **65** (2013): 195-204.
- 18. Synthesis of novel indolizine, diazepinoindolizine and Pyrimidoindolizine**

- derivatives as potent and selective anticancer agents.**AmanyBelal, Ahmed M.Goda, Ahmed safwat, Nagwa M. Abdel Gawad, **Research on Chemical Intermediates**41.12 (2015): 9687-9701.
- 19. Synthesis of 4-(thiazol-2-ylamino)-benzenesulfonamides with carbonic anhydrase I, II and IX inhibitory activity and cytotoxic effects against breast cancer cell lines. Bioorganic & medicinal chemistry** 24.13 (2016): 3043-3051.
- 20. Identification of some novel xanthine-based derivatives with bronchodilator activity.**Abdalla Mohamed, Hanan H. George, Riham F. George, WafaaElEraky, Dalia O. Soliman, Nagwa M. AbdelGawad **Future Medicinal Chemistry** 9.15 (2017): 1731-1747.

b. Supervision:

Degree	University	Researcher Name	Start Date	Approval Date
M.SC	Cairo University	Ahmed Samir		
M.SC	Cairo University	AlaaAbd El Sattar		
M.SC	Cairo University	ManalKhaled		
M.SC	Cairo University	RehamMagdy		
M.SC	BeniSeuif University	NohaHany		
M.SC	Cairo University	Galal Gouda		
M.SC	Cairo University	Mohamed Kandel		
Ph.D	Cairo University	RehamMagdy		
Ph.D	Cairo University	GalalHamouda		
Ph.D	BeniSeuif University	AmanyBelal		
Ph.D	Cairo University	Mona Fekry		
Ph.D	مشترك بين كلية العلوم جامعة الملك عبد العزيز لكلية العلوم جامعة ليستر انجلترا	RawdaKasim		
Ph.D	BeniSeuif University	NohaHany		

c. Conferences

Conferences	Professional Conference Organizer	Keynote Speaker	Presenter	Attendee	Organizer
The 2 nd Scientific Conference of Faculty of pharmacy, Cairo University, April 26 th 2010.					

9. Trainings & Workshops

Title of Training or Workshop	Name of Organization Providing Training	Date	Notes
Management Skills.	Faculty and leadership Development Project	// - //	
Modern Teaching Methods.		27/7/2005 – 3/9/2007	
Quality Assurance and Accreditation.		2/4/2006 – 3/4/2006	
Credit Hours System.		21/3/2011 – 23/3/2011	
International publishing of Research.		21/3/2011 – 23/3/2011	
Effective Presentation Skills.		24/7/2005 – 27/7/2005	

10. Social Activities

11. Membership of Professional Associations

- Membership of pharmaceutical Chemistry association.
- Membership of Pharmacists Syndicate

12. Awards

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

Name	Nagwa Mohamed	Signature		Date	
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