

Curriculum Vitae



Personal Data

Name:	<i>Mohamed Abdel-Aziz Mohamed Osman Aboel-Nile</i>	
Date of Birth:	25-12-1968.	
Nationality:	<i>Egyptian</i>	
Place of Birth:	Beni-Mazar, Minia	
Marital: Status:	<i>Married</i>	
Military Services:	<i>Exempted</i>	
Address	<i>El-Nour Tower, Shalaby, Minia, Egypt.</i>	
National ID	26812252403453	
Occupation	<i>Dean of the Faculty of Pharmacy and Professor of Medicinal Chemistry, Medicinal Chemistry Department, Faculty of Pharmacy, Minia University. Minia, Egypt.</i>	
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Professorship History	30/12/2014	

Qualifications

Bachelor	<i>In Pharmaceutical Sciences, Faculty of Pharmacy, Assiut University, Assiut, Egypt: May 1991, with the general grade: "Very Good with the Degree of Honor".</i>
Master	<i>In Pharmaceutical Sciences (Pharmaceutical Medicinal Chemistry), Department of Pharmaceutical Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt: 1997 titled: " 1,2-Dihydroisoquinoline as a new chemical delivery of drugs to the brain". Under supervision of Prof. Dr. Hassan H. Farag, Dr. Gamal El-Din Saber, Dr.Nawal A. El-Koussy on 20/11/1997.</i>
Doctor of Philosophy	<i>In Pharmaceutical Sciences (Pharmaceutical Medicinal Chemistry), Kumamoto University, Kumamoto, Japan titled "Synthesis and Biological Investigation of New Compounds Aiming at Immunomodulators: Development of Novel Peptide Nucleic acids and New Topoisomerase Inhibitors". Under supervision of Prof. Dr. Masami Otsuka on 1/03/2004.</i>
Associate Professor	Associate Professor of Medicinal Chemistry from 2009 till 2014.
Professor	Professor of Medicinal Chemistry from 2014 till now.
Scientific Specialization	Pharmaceutical Medicinal Chemistry.
Citations	3653.
h-index	31.

Academic and career progression:

Demonstrator In Department of Pharmaceutical Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt from 1993 to 1997. This occupation entitles teaching undergraduate practical courses of Pharmaceutical Medicinal Chemistry and covering research work on the Master degree.

Associate Lecturer In Department of Pharmaceutical Medicinal chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt from 1997 to 1998. Also this occupation includes teaching practical courses of Pharmaceutical Medicinal Chemistry.

Associate Lecturer In Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University, Minia, Egypt, since 1998 to 1999. Also this occupation includes teaching undergraduate practical courses of

Pharmaceutical Organic and Medicinal Chemistry.

Governmental Scholarship member to get Ph.D., Faculty of Pharmacy, Kumamoto University, Kumamoto, Japan from October 1999 till April 2004.

Lecturer

In Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University, Minia, from May 2004 till 2009.

This occupation includes teaching undergraduate practical and theoretical courses in Pharmaceutical Medicinal Chemistry (3rd and 4th years), Pharmaceutical Organic Chemistry (1st and 2nd years), Pharmaceutical Medicinal Chemistry (for 5th and 6th semesters, Clinical Pharmacy students), Pharmaceutical Organic Chemistry (for 1st, 2nd and 3rd semesters, Clinical Pharmacy students), Chemotherapy course (for 4th year chemistry students, faculty of Science, Minia University), general postgraduate course (Instrumental course), Special postgraduate students in advanced Medicinal Chemistry, advanced Organic Chemistry and quality control and sharing in supervision on three master theses (two of them were finished and sharing in supervision on four Ph.D. theses. Postdoctoral fellowship, Faculty of Pharmacy, Kumamoto Health Science University, Kumamoto, Japan. From December 2006 till March 2007.

**Associate
Professor**

In Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University, Minia, from May 2009 till 2014.

This occupation includes teaching undergraduate practical and theoretical courses in Pharmaceutical Medicinal Chemistry (3rd and 4th years), Pharmaceutical Organic Chemistry (1st and 2nd years),

Medicinal Chemistry (for 7th and 8th semesters, Clinical Pharmacy students), Pharmaceutical Organic Chemistry (for 1st, 2nd and 3rd semesters, Clinical Pharmacy students), Chemotherapy course (for 4th year chemistry students, Faculty of Science, Minia University), general postgraduate course (Instrumental course), Special postgraduate students in advanced Medicinal Chemistry, advanced Organic Chemistry and quality control and sharing in supervision on master and Ph.D. theses.

Professor:

Medicinal Chemistry (for 7th and 8th semesters, Clinical Pharmacy students), Pharmaceutical Organic Chemistry (for 1st, 2nd and 3rd semesters, Clinical Pharmacy students), Chemotherapy course (for 4th year chemistry students, Faculty of Science, Minia University), general postgraduate course (Instrumental course), Special postgraduate students in advanced Medicinal Chemistry, advanced Organic Chemistry and quality control and sharing in supervision on master and Ph.D. theses.

In Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University, Minia, from May 2014 till now.

Professional Experience

Occupation	Period
An academic advisor for clinical pharmacy students	From 2006-2008.
Coordinator of Clinical Pharmacy programme	From September 2008 till June 2011
Supervisor of the Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University.	From 7/9/2015 till June 2016.

Vice Dean of the Faculty of Pharmacy, Education and Student Affairs, Minia University	From November 20/11/2011 till 3/8/2017.
Dean of the Faculty of Pharmacy, Minia University	From 1/9/2017 till 30/8/2020.
Acting as a Dean of the Faculty of Pharmacy, Minia University	from 1/9/2020 till 27/11/2024.
Director of the Pharmacy Program at Minia National University	From 1/9/2022 till 30/12/2024.

Scientific missions:

- 1- Member of the Foreign Mission to Kumamoto University-Japan, from 31/10/1999 till 31/3/2004.
- 2- Member of the post-doctoral scientific mission to Kumamoto University - Japan, from 1/12/2006 till 02/04/2007.
- 3- Supervisor's visit to follow up with Associate Lecturer/ Taha Farouk Shehata, a member of the joint supervision mission to obtain a Ph.D. in Pharmaceutical Sciences (Medicinal Chemistry) from Kumamoto University -Japan.

Research Experiences

- 1- Design, synthesis, purification and analysis of organic compounds suspected to have biological effects.
- 2- Structural elucidation of various groups of synthesized products using spectroscopic techniques including IR, NMR, elemental analysis and MS.
- 3- Biological investigation of the synthesized compounds by the aid of others.
- 4- A good experience in the field of nitric oxide donors chemistry especially, nitrate esters, oximes, synthesis nitric oxide donating prodrugs and nitric oxide donating hybrids.

- 5- A good experience in design and synthesis of anticancer and antioxidant agents especially nitrones, Galloyl derivatives.
- 6- A good experience in design and synthesis of different carriers for specific delivery of drugs to the brain.
- 7- A good experience in the development of novel peptide nucleic acids (PNAs).
- 8- A good experience in the synthesis and investigation of new topoisomerase inhibitors.
- 9- A good experience in the development of novel Anti-tuberculos Agents.
- 10- A good experience in the development of novel Anti-inflammatory Agents.
- 11- Finished the supervision of several master theses.
- 12- Co-supervisor and main supervisor of several Master and Ph.D theses.
- 13- Referee on several master and Ph.D theses as internal referee and external one.

Language

English: Fluent written and spoken.

Japanese: To some extent spoken.

French: Fair written and spoken.

Meetings & Activities.

1- Conferences and seminars:

1. Assiut Univ. 1st Pharm. Sci. Conference, Faculty of Pharmacy, Assiut, Egypt, March, 4-5, 1998. "Oral presentation".
2. 18th ICHC International congress of Heterocyclic Chemistry, July 29-August 3, 2001 Yokohama, Japan. "Poster presentation".
3. Al-Azhar 4th International Conference for Pharmaceutical and biological Sciences, Cairo, 13-15 February 2006.
4. Egyptian Pharmaceutical Society XXXI conference of Pharmaceutical Sciences, 23-25 December 2008.

5. Passed the faculty and leadership development project (FLDP), in Quality Assurance, (D3) 26-28 June 2007.
6. Passed the faculty and leadership development project (FLDP), R2, 14-16 July 2007.
7. Passed the faculty and leadership development project (FLDP), T4, 8-10 November 2004.
8. Passed the faculty and leadership development project (FLDP), T2, 27-30 June 2005.
9. Passed the faculty and leadership development project (FLDP), I1, 16-19 May 2005.
10. Passed the faculty and leadership development project (FLDP), T3, 3-5 July 2007.
11. Passed the faculty and leadership development project (FLDP), time management and meetings L4, 23-24 December 2013.
12. Passed the faculty and leadership development project (FLDP), time management and meetings (L4), 23-24 December 2013.
13. Passed the faculty and leadership development project (FLDP), University administration (L2), 26-27 December 2013.
14. Passed the faculty and leadership development project (FLDP), Strategic Planning (L1), 8-9 April 2013.
15. Passed the faculty and leadership development project (FLDP), Financial and legal aspects of universities (L2), 29-30 April 2013.
16. Attend several meetings for Quality assurance and accreditation at the university and ministry levels.
17. Participation in the thirty-second conference of the Egyptian Pharmaceutical Association - Cairo 20-22 December 2011.
18. Participation in the Sixth International Conference on Drug Discovery, Dubai, 10-12 February 2014.

19. Participation in the Assiut International Conference No. 9 - Assiut 12-13 March 2014.
20. Participation in the third annual conference on cancer treatment in Texas, USA from 16 to 17 April 2014.
21. Participation in the third annual conference on cancer treatment in Texas, USA from 16 to 17 April 2014.
22. Participation in the Minia Pharmacy Scientific Conference 2024. Future Approaches in Pharmaceutical Sciences. Venue: Jewel ElMinia. Date:20 /7/2024.

Participation in scientific bodies and societies:

- 1- Member of the Council of Minia University.
- 2- Member of the Education and Student Affairs Council at Minia University.
- 3- Member of the Council of the Faculty of Pharmacy-Minia University.
- 4- Member of the Council of the Department of Medicinal Chemistry-Faculty of Pharmacy-Minia University.
- 5- Member of the Quality Assurance Unit at the Faculty of Pharmacy-Minia University.
- 6- Member of the Higher Committee for New Programs at Minia University.
- 7- A member of the Supreme Committee for the treatment of faculty members at Minia University.
- 8- Member of the sub-session on clinical pharmacy - Faculty of Pharmacy - Minia University.
- 9- Member of the Advisory Council for the Clinical Pharmacy Program - Faculty of Pharmacy-Minia University.
- 10- Member of the Advisory Board of the Faculty of Pharmacy-Minia University.
- 11- Member of the Education and Student Affairs Committee at the Faculty of Pharmacy- Minia University.
- 12- Member of the Pharmaceutical Studies Sector Committee.
- 13- Member of the Higher Committee for Electronic Books at Minia University.
- 14- Member of the Higher Committee for preparing topics presented to the Minia University Council.

- 15- Member of the research project in the name of Prof. Dr. Omar Mohamad Ali, which is financially supported by the Science and Technology Fund No. 2943.
- 16- Member of the committee formed at Minia University to select the university's medical leaders.
- 17- Member of the Egyptian Pharmaceutical Association.
- 18- Member of the Pharmacists Syndicate since 1991 until now.
- 19- Member of the judging committee of professors and assistant professors of the pharmaceutical and biochemistry sector in committees promotions.
- 20- Member of the Cultural Relations Committee - Faculty of Pharmacy-Minia University.
- 21- Member of the Postgraduate Studies and Research Committee-Faculty of Pharmacy-Minia University.
- 22- Member of the Strategic Plan Committee, Faculty of Pharmacy, Minia University.
- 23- Responsible for the standard of students and graduates at the Faculty of Pharmacy-Minia University.
- 24- Responsible for the standard of leadership and governance at the Faculty of Pharmacy-Minia University.
- 25- Leader of Leadership and Governance Standard, Faculty of Pharmacy, Minia University.
- 26- Head of mission standard and program management Faculty of Pharmacy, Minia University.
- 26- Member of the Strategic Planning Center, Minia University.

3- Teaching tasks:

- 1- Participation in teaching organic chemistry courses for first and second year students at the Faculty of Pharmacy-Minia University.
- 2- Practical supervision of organic chemistry courses for first and second year students at the Faculty of Pharmacy-Minia University.

- 3- Participation in teaching medical chemistry courses for third, fourth and fifth year students at the Faculty of Pharmacy-Minia University.
- 4- Practical supervision of medical chemistry courses for third, fourth and fifth year students at the Faculty of Pharmacy-Minia University.
- 5- Participation in teaching the courses of Pharmaceutical Organic Chemistry-1, Pharmaceutical Organic Chemistry-2 and Pharmaceutical Organic Chemistry-3 for students of the Clinical Pharmacy Program at the Faculty of Pharmacy – Minia University.
- 6- Practical supervision of the courses of Pharmaceutical Organic Chemistry-1, Pharmaceutical Organic Chemistry-2, and Pharmaceutical Organic Chemistry-3 in the Clinical Pharmacy Program, Faculty of Pharmacy, Minia University.
- 7- Participation in teaching the courses of Medicinal Chemistry-1 and Medicinal Chemistry-2 for the seventh and eighth semester students of the Clinical Pharmacy Program at the Faculty of Pharmacy-Minia University.
- 8- Practical supervision of the courses of Medicinal Chemistry-1 and Medicinal Chemistry-2 for the eighth semester students of the Clinical Pharmacy Program at the Faculty of Pharmacy - Minia University.
- 9- Participation in teaching Medicinal Chemistry courses for students of the Bachelor of Pharmacy program-PharmD, third and fourth grades.
- 10- Practical supervision of Medicinal Chemistry courses for students of the Bachelor of Pharmacy program-PharmD, third and fourth grades.
- 11- Participation in teaching Medicinal Chemistry courses for students of the Bachelor of Pharmacy program-PharmD (Clinical Pharmacy), the third and fourth grades.
- 12- Practical supervision of Medicinal Chemistry courses for students of the Bachelor of Pharmacy program-PharmD (Clinical Pharmacy), the third and fourth grades.
- 13- Participation in teaching public and private postgraduate courses for master's and Ph.D students in the Department of Medicinal Chemistry, Faculty of

Pharmacy, Minia University.

- 14- Teaching the course of Antibiotics and Chemotherapy for biochemistry diploma students at the Faculty of Science-Minia University.
- 15- Participation in the development of the theoretical and practical textbook for Organic Chemistry courses for the first and second year in the Faculty of Pharmacy-Minia University.
- 16- Participation in the development of the theoretical and practical textbook for The courses of Medicinal Chemistry for the third and fourth years in the Faculty of Pharmacy-Minia University.
- 17- Participation in the development of the theoretical and practical textbook for the courses of Pharmaceutical Organic Chemistry-1, Pharmaceutical Organic Chemistry-2, and Pharmaceutical Organic Chemistry-3 for students of the Clinical pharmacy program at the Faculty of Pharmacy-Minya University.
- 18- Participation in the development of the theoretical and practical textbook for the courses of Medicinal Chemistry-1 and Medicinal Chemistry-2 for the seventh and eighth semester students of the Clinical Pharmacy Program at the Faculty of Pharmacy-Minia University.
- 19- Participation in the development of the theoretical and practical textbook for the courses of Medicinal Chemistry for students of the Bachelor of Pharmacy program-PharmD at the Faculty of Pharmacy-Minia University.
- 20- Participation in the development of the theoretical and practical textbook of Medicinal Chemistry courses for students of the Bachelor of Pharmacy program-PharmD (Clinical Pharmacy) at the Faculty of Pharmacy-Minia University.
- 21- Participation in creating and downloading theoretical and practical e-books for various Pharmaceutical Organic Chemistry courses in the Bachelor of Pharmacy program.
- 22- Participation in creating and downloading theoretical and practical e-books for

various Pharmaceutical Organic Chemistry courses, Bachelor of Pharmacy Program-PharmD.

- 23- Participation in creating and downloading theoretical and practical e-books for various Pharmaceutical Organic Chemistry courses, Bachelor of Pharmacy Program-Pharm D (Clinical Pharmacy).
- 24- Participation in creating and downloading theoretical and practical e-books for the various Medicinal Chemistry courses of the Bachelor of Pharmacy program.
- 25- Participation in creating and downloading theoretical and practical e-books for various Medicinal Chemistry courses, Bachelor of Pharmacy Program—PharmD.
- 26- Participation in creating and downloading theoretical and practical e-books for various Medicinal Chemistry courses, Bachelor of Pharmacy Program – PharmD (Clinical Pharmacy).
- 27- Participation in preparing and downloading question banks for the various Medicinal Chemistry courses of the Bachelor of Pharmacy program.
- 28- Participation in preparing and downloading question banks for the various Medicinal Chemistry courses of the Bachelor of Pharmacy Program (Clinical Pharmacy).
- 29- Participation in preparing and downloading question banks for various Medicinal Chemistry courses, Bachelor of Pharmacy Program-PharmD.
- 30- Participation in preparing and downloading question banks for various Medicinal Chemistry courses of the Bachelor of Pharmacy Program-PharmD (Clinical Pharmacy).
- 31- Participation in making course specifications for all the courses of the department as part of the quality work.
- 32- Participation in making a course report for all the courses of the department as part of the quality work.
- 33- Participation in oral exams in various Egyptian public and private universities.

- 34- Participation in the work of various controls within the Faculty of Pharmacy- Minia University.
- 35- Participation in teaching the courses of Medicinal Chemistry-1 and Medicinal Chemistry-2 for students of the Faculty of Pharmacy - Al-Nahda University – Beni Suef.
- 36- Participation in teaching the courses of pharmaceutical organic chemistry at the College of Pharmacy- Deraya University.
- 37- Participation in teaching Medicinal Chemistry courses for students of the Faculty of Pharmacy-Misr International University.
- 38- Referee for the e-learning course "Organic Chemistry" from the Faculty of Pharmacy-Beni Suef University.
- 39- Referee for the e-learning course "Medicinal Chemistry" from the Faculty of Pharmacy-Assiut University.
- 40- Teaching the course of antibiotics and chemotherapy for biochemistry diploma students at the Faculty of Science-University of Minia.
- 41- Participation in the weekly scientific seminars of the Department of Medicinal Chemistry, Faculty of Pharmacy, Minia University.
- 42- Participation in scientific seminars and workshops at the college and university levels.

4- Supervising theses:

- 1- Completion of supervising more than 50 master's and Ph.D dissertations that have been approved.
- 2- Arbitration and discussion of more than 50 master's and doctoral dissertations in various Egyptian universities.
- 3- Main supervisor of more than 30 master's and doctoral dissertations in the Faculty of Pharmacy-Minia University.
- 4- Publishing more than 100 scientific papers in international Journals.

5- Writing University books:

- 1- Participation in writing theoretical and practical books for organic chemistry courses for the first and second years at the Faculty of Pharmacy-Minia University.
- 2- Participation in writing theoretical and practical books for medical chemistry courses for the third and fourth years at the Faculty of Pharmacy-Minia University.
- 3- Participation in writing theoretical and practical books for medical chemistry courses for the third, fourth, and fifth years, Pharm D, Faculty of Pharmacy, Minia University.
- 4- Participation in writing theoretical and practical books for medical chemistry courses for the third, fourth and fifth years, Pharm D (Clinical Pharmacy), Faculty of Pharmacy, Minia University.

6- Attending University development courses for the staff as follows:

- 1- Developing Scientific Research Methods: 8-10 November 2004, Minia University.
- 2- Developing Effective Presentation Skills: March 16-19, 2005, Minia University.
- 3- Modern trends in teaching: June 27-30, 2005, Minia University.
- 4- Quality Assurance and Accreditation: June 26-28, 2007, Minia University.
- 5- The use of technology in teaching: 3-5 July 2007, Minia University.
- 6- Preparation and publication of scientific research: July 14-16, 2007, Minia University.
- 7- Strategic Planning: 8-9 April 2013, Minia University.

- 8- Financial and legal aspects of universities: 29-30 April 2013, Minia University.
- 9- Time management and meetings: December 23-24, 2013, Minia University.
- 10- University Administration: 26-27 February 2014, Minia University.
- 11- Create websites.
- 12- Advanced courses in ICTP (including Advanced word, Advanced Excel and Advanced Power point)
- 13- The course for candidacy for the position of dean of a faculty from 18-20 June 2023.

7- Experience gained and most notable achievements in the field of work:

- 1- Participation in the accreditation of the Faculty of Pharmacy-Minia University in 2016.
- 2- The Faculty of Pharmacy-Minia University obtained many international classifications in the field of scientific publishing.
- 3- Furnishing the molecular biology laboratory at the Faculty of Pharmacy-Minia University, after Dr. Marco Youssef William Zaki, Lecturer of biochemistry at the Faculty of Pharmacy, Minia University, won the honorable Newton-Mosharafe 2020.
- 4- Participation in many visits of the Pharmaceutical Studies Sector Committee for the commencement of studies (Bachelor's level) in new colleges of pharmacy at the level of the Republic.
- 5- Participation in many visits of the Pharmaceutical Studies Sector Committee, which are related to the commencement of studies (postgraduate studies) in new colleges of pharmacy at the level of the Republic.
- 6- Participation in reviewing many student regulations for most faculties of pharmacy in public, private and private universities.

- 7- Participation in reviewing many academic and postgraduate studies regulations for most colleges of pharmacy in public, private and private universities.
- 8- Participation in most of the follow-up visits to clinical pharmacy programs at the level of the Republic in governmental, private and private universities.
- 9- Three young researchers obtained scholarships to study for a master's degree in the Young Researchers: Next Generation Scientists (SNG) project funded by the Academy of Scientific Research in the departments of Medicinal Chemistry, Pharmacology and Biochemistry
- 10- An arbitrator in most of the international Journals, such as
 - a- European Journal of Medicinal Chemistry.
 - b- Molecules.
 - c- Medicinal Chemistry.
 - d- Drug Research.
 - e- Arabian Journal of Chemistry.
 - f- Bioorganic and Medicinal Chemistry.
 - g- Bioorganic Chemistry.
- 11- Starting studies at the Faculty of Pharmacy as the first faculty at Minia National University.
- 12- Making cooperation agreements for undergraduate and postgraduate Studies with the faculty of Pharmacy, Deraya University in New Minia.
- 13- Making cooperation agreements for undergraduate and postgraduate Studies with with the faculty of Pharmacy, Sphinx University, Assiut.
- 14- A cooperation agreement was made with the Oncology Institute in Minia to train students of the clinical pharmacy program as well registration of postgraduate students at the institute in the Faculty of Pharmacy, Minia University.
- 15- Making cooperation agreements with Hospital 57357, Minia University Hospital, and El-Moalmeen Hospital in Cairo To train clinical pharmacy students.
- 16- Participation in the technical committees of the department and the

college, such as the committees of practice, examination and awarding of chemicals and various scientific apparatus.

17- Participate in amending and developing the regulations of the Faculty of Pharmacy - Minia University for my two levels Undergraduate and Postgraduate studies.

18- Participation in the establishment of the Scientific Journal of the Faculty under the name "Journal of Advanced Biomedical and Pharmaceutical Sciences" Which contributed greatly to assisting the faculty members and the supporting staff in publishing their scientific research.

Awards obtained

- 1- Minia University Award for International Scientific Publication 2015.
- 2- Minia University Award for International Scientific Publication 2016.
- 3- Honoring of the Minia Governor prize for international scientific publication 2016.
- 4- Minia University Award for International Scientific Publication 2017.
- 5- Minia University Award for International Scientific Publication 2018.
- 6- Minia University Award for International Scientific Publication 2019.
- 7- Minia University Award for International Scientific Publication 2020.
- 8- Minia University Award for International Scientific Publication 2021.
- 9- Minia University Award for International Scientific Publication 2022.
- 10- Minia University Award for International Scientific Publication 2023.
- 11- Minia University Award for International Scientific Publication 2024.
- 12- Among the top 2% of the world's most influential scientists for the year 2023 for their total scientific output and citations in their scientific research.
- 13- Among the top 2% of the world's most influential scientists for the year 2024 for their total scientific output and citations in their scientific research.

Publications

- 1- **Mohamed A. Abou-Elnile**, Nawal A. El-Koussi, Gamal El-Din Saber and Hassan H. Farag, "Design, Synthesis and Investigation of a novel carrier system for site specific delivery of drugs to the brain" Assiut Univ. 1st Pharm. Sci. Conference, Faculty of Pharmacy, Assiut, Egypt, March, 4-5, 1998.
- 2- **Mohamed Abdel-Aziz**, Tetsuo Yamasaki and Masami Otsuka, "Synthesis and Hybridization Property of Novel 2',5'-isoDNA Mimic Chiral Peptide Nucleic Acids" *Bioorg. Med. Chem. Lett.*, **2003**, *13*, 1041.
- 3- Tetsuo Yamasaki, **Mohamed Abdel-Aziz**, Naotoshi Kiyota, Tokumi Maruyama and Masami Otsuka "New Strategy to Antiviral Agents from Peptide Nucleic Acid Derivatives" *Heterocycles*, **2003**, *60*, 1561.
- 4- **Mohamed Abdel-Aziz**, Kazuya Matsuda, Masami Otsuka, Masaru Uyeda, Tadashi Okawara, and Keitarou Suzuki, "Inhibitory Activities against Topoisomerase I& II by Polyhydroxybenzoyl Amide Derivatives and Their Structure-Activity Relationship" *Bioorg. Med. Chem. Lett.*, **2004**, *14*, 1669.
- 5- Tetsuo Yamasaki, **Mohamed Abdel-Aziz**, Takashi Iwashita, Akiko Watanabe, Masanori Sakamoto and Masami Otsuka, "Synthesis of New Peptide Nucleic Acid Monomer with GlycylGlycine Backbone" *J. Heterocyclic Chem.*, **2006**, *43*, 1111.
- 6- Mai E. Shoman, **Mohamed Abdel-Aziz**, Omar M. Aly, Hassan H. Farag, Mohamed A. Morsy "Synthesis and investigation of anti-inflammatory activity and gastric ulcerogenicity of novel nitric oxide-donating pyrazoline derivatives" *Eur. J. Med. Chem.*, **2009**, *44*, 3068-3076.
- 7- Heba A. Hassan, **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, Hassan H. Farag "1-Malonyl-1,4-dihydropyridine as a novel carrier for specific delivery of drugs to the brain" *Bioorg. Med. Chem.*, **2009**, *17*, 1681-1692.
- 8- **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, Alaa A. Hassan "Synthesis of novel pyrazole derivatives and evaluation of their antidepressant and anticonvulsant activities" *Eur. J. Med. Chem.*, **2009**, *44*, 3480-3487.
- 9- **Mohamed Abdel-Aziz**, Amira M. Gamal-Eldeen "Synthesis and screening of anti-cancer, antioxidant, and anti-inflammatory activities of novel galloyl pyrazoline derivatives" *Pharmaceutical Biology*, **2009**, *47*, 854-863.
- 10- El-Shimaa M. N. Abdel-Hafez, Gamal El-Din A. A. Abuo-Rahma, **Mohamed Abdel-Aziz**, Mohamed F. Radwan, Hassan H. Farag "Design, synthesis and biological investigation of certain pyrazole-3-carboxylic acid derivatives as novel carriers for nitric oxide" *Bioorg. Med. Chem.*, **2009**, *17*, 3829-3837.
- 11- Mohamed Ramadan, Amira M. Gamal-Eldeen, **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, Hisham Abdel-Nabi, Abdel-Hamid Nagib "C-(2-Chloroquinoline-3-yl)-N-phenyl Nitron: New Synthetic Antioxidant Inhibits Proliferation and Induces Apoptosis of Breast Carcinoma MCF-7 Cells" *Arch. Pharm. Chem. Life Sci.*, **2006**, *339*, 242-249.
- 12- Ashraf A. Aly, Alaa A. Hassan, Yusria R. Ibrahim, **Mohamed Abdel-Aziz** "Synthesis of [1,2,4]triazolo[3,4-b][1,3]thiazine-5-carboxylates via one-pot reaction of N-substituted hydrazine-

carbothioamides with diethyl maleate" *J. Heterocyclic Chem.*, **2009**, 46, 687-690.

- 13- **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma¹, Heba A. Hassan and Hassan H. Farag "N-Malonyl-1,2-dihydroisoquinoline as a Novel Carrier for Specific Delivery of Drugs to the Brain" *Arch. Pharm. Chem. Life Sci.*, **2010**, 343, 54-60.
- 14- Ashraf A. Aly, Alan B. Brown, **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, Mohamed F. Radwan, Mohamed Ramadan, and Amira M. Gamal-Eldeen "Synthesis of New 4-Oxo-thiazolidine-5-ylidenes of Antitumor and Antioxidant Activities" *J. Heterocyclic Chem.*, **2010**, 47, 547-554.
- 15- Ashraf A. Aly, Alan B. Brown, Mohamed Ramadan, **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, Mohamed F. Radwan, and Amira M. Gamal-Eldeen "Selectivity of N-Aroyl-N'-arylthioureas towards 2-(1,3-Dioxo-1H-inden-2(3H)-ylidene)malononitrile. New Synthesis of (Z)-N-((E)-4-Amino-1-aryl-5-cyano-6-oxo-1H-indeno[1,2-d][1,3]-thiazepin-2(6H)-ylidene)-4-arylamides of Antitumor and Antioxidant Activities" *J. Heterocyclic Chem.*, **2010**, 47, 503-508.
- 16- Ashraf A. Aly, Alan B. Brown, Mohamed Ramadan, Amira M. Gamal-Eldeen, **Mohamed Abdel-Aziz**, Gamal El-Din A. A. Abuo-Rahma, and Mohamed F. Radwan "Thieno[2,3-d]pyrimidines in the Synthesis of Antitumor and Antioxidant Agents" *Arch. Pharm. Chem. Life Sci.* **2010**, 343, 301-309.
- 17- **Mohamed Abdel-Aziz**, Hamdy M. Abdel-Rahman "Synthesis and anti-mycobacterial evaluation of some pyrazine-2-carboxylic acid hydrazide derivatives" *Eur. J. Med. Chem.*, **2010**, 45, 3384-3388.
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