

CURRICULUM VITAE
MAGDA AHMED EL-SHERBENEY



PERSONAL:

Address : Med. Chem. Dept. Faculty of Pharmacy
(University of Mansoura)
Mansoura, 35516, Egypt

Telephone : 002050-2218183 (Home)
002-0106172832 (Mobile)
002050-2247496 (Office)

EDUCATION:

Ph. D. (Medicinal Organic Chemistry), 1992

University of Mansoura, Mansoura, Egypt.

Dissertation: (Design and Synthesis of New Sulphur Containing Heterocyclic Compounds of Chemotherapeutic Interest)

M. Sc. (Medicinal Organic Chemistry), 1988

University of Mansoura, Mansoura, Egypt.

Dissertation: (Certain 1, 5-diazepine Derivatives Likely to Possess Potential C. N. S. Depressant)

B. Sc. (Pharmaceutical Sciences), 1982

Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

PROFESSIONAL EXPERIENCES:

2004 – Until Now:

Professor of Medicinal Chemistry, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

1999 – 2004:

Associate Professor of Medicinal Chemistry, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

1992 – 1999:

Assistant Professor of Medicinal Chemistry, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

1988 – 1992:

Assistant Lecturer. of Medicinal Chemistry, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

1982 – 1988:

Demonstrator of Medicinal Chemistry, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt.

TEACHING EXPERIENCE:

Medicinal and organic chemistry courses for undergraduate students.

- 1. Organic Medicinal Chemistry:** A standard course offered to the third and fourth year class, Faculty of Pharmacy. Emphasis on uses, syntheses, correlation of properties, structure and biological activity for compounds of medicinal and pharmaceutical importance.
- 2. Pharmacopeial Standards of Pharmaceutical Compounds:** A standard course offered to the third year class, which deals with official pharmacopeial limits and standard for drug evaluation, including methods of preparation, quantitative and qualitative assays.

RESEARCH EXPERIENCE:

Synthetic and medicinal organic chemistry in the area of heterocyclic compounds. Including, 1,5 benzodiazepines, benzoxazines, quinazolines and fused pyrimidines, familiarly with modern techniques including various chromatographic separation methods extensive use and interpretation of instrumental data, including mass spectrometry, IR, UV, ^1H , ^{13}C NMR spectroscopy.

ABSTRACTC AND PUBLICATIONS

a) Abstracts:

1. "Synthesis of Certain Benzoxazine and Quinazoline Derivatives as Potential Antiinflammatory Agents" M. M. El Kerdawy, M. Y. Yousif, A. A. El-Emam, M. A. Moustafa and **M. A. El-Sherbeny** XXIII Conference of Pharmaceutical Sciences, Cairo, Egypt, 1993.
2. "Novel Diaryl Thioether Derivatives As Potential Cytotoxic Agents" H 1. El Subbagh, M. A. Nasr, M. A. El-Sherbeny, F. E. Goda and F. A. Badria; Jamahiriya's Second Conference on Medical Sciences, Benghazi, Libya, My, 1994.
3. "Synthesis of Some Benzothienopyrimidines and Bbenzothienothiazines as Potential Cardiotonic Agents" Ihsan A. Shehata, Hussein 1. El-Subbagh, Ali. M. Abdelal and Magda A. El-Sherbeny. XXIV Conference of Pharmaceutical Sciences, Cairo, Egypt. 1995.
4. "Conductometric Determination of Some Drugs Acting on the Central Nervous System" D. T. M. El-Sherbeny, M. A. El-Sherbeny, S. M. El-Ashry and 1. A. Shehata. XXV Conference of Pharmaceutical Science, Cairo, Egypt. 1996.
5. "Novel Pyridothienopyrimidine and Pyridothienothiazine Derivatives as Potential Antimicrobial and Antitumor Agents." M. A. El-Sherbeny, Khairia M. Youssef, Faiza S. AL-Shafeih and Abdul-Rahman M. A. AL-Obaid; 5th international Saudi Pharmacy Confernce, Riyadh, Kingdom of Saudi Arabia, 1999.
6. "Synthesis and Antiinflammatory Screening of some Quinazoline and -4-Oxoquinazoline Derivatives. Magdy M. Gineinah, Magda A. El-Sherbeny and Magda A. Nasr: in 8th IBN SINA international Conference on Pure and Applied Heterocyclic Chemistry Assiut University, Assiut, Egypt, 2002.
7. "Synthesis of Curcumine Analogues as Potential Antioxidant, Cancer

8. Chemopreventive Agents. Khairia M. Youssef, Magda A. El-Sherbeny, Faiza S. El-Shafeih, Hassan H. Farag, Omar Al-Zoeib and Sit-Albanat Awadalla: In Exploiting Molecular diversity, Cambridge Healthtech institute Upcoming Conferences. San Diego, california, USA, 2002.
9. "Adamantane Derivatives, part III: Synthesis, Antiviral and Antitumor Evaluation of Some Novel Aminoadamantanes. Magda A. El-Sherbeny, Khairia M. Youssef and Mona A. Mahran. In High Throughput Organic Synthesis, Cambridge Healthtech Institute Upcoming Conferences. San Diego, california USA, 2002.
10. "Design' Synthesis and investigation of Brain Delivery Model for Anticancer Compounds Magda A. El- Sherbeny, Huda S. Al-Salem, Maha A. Sultan, Mahasen A. Radwan, Hassan A. Farag and Hussein I. El-Subbagh in the 7th international conference on chemistry and its role in development. department of chemistry Faculty of Science, University of Mansoura, Sharm El-Sheikh Egypt, 2003.
11. Novel hydroxyphenylureas as Antioxidant Agents. Khalria M. Youssef, Magda A. El-Sherbeny, Faiza S. El-Shafeih, Omar El-Zoeib and Sit Al-Banat Awadalla in XVIIth in Ternational Symposium On Medicinal Chemistry Barcelona, Spain, 2002.

b) Publications:

1. "Synthesis of certain 2,3-dihydro-3-arylhydrazono-4-methyl-1H-pyrido [2,3b] [1,4] diazepin-2-ones" . M. M. El-Kerdawy, M. Y. Yousif, A. M. Ismaiel and **Magda A. El-Sherbeny**, Alex. J. Pharm. Sci, 1989, 111(2), 129.
2. "The structure of the product obtained from condensation of ethyl acetoacetate with 4-ethoxy-2-nitroaniline; attempt preparation of 2,3dihydro-7-ethoxy-4metiyl-1H-1,5-benzodiazepin-2-one" M. M. El-Kerdawy, A. M. Ismael, M. Y. Yousif and **M. A. El-Sherbeny**; Mans. J. Pharm. Sci., 1989, 5(2), 14.
3. "Synthesis and antimicrobial testing of certain 2,3-disubstituted cyclopenteno[6] thieno[2,3-d]-3,4-dihydropyrimidine-4-ones and 2-arylaminocyclopenteno[b]thieno [2,3-d]-4H-3,1-thiazin-4-ones" M. M. El-Kerdawy, M. Y. Yousif, A. A. El-Emam, M. A. Moustafa and **M. A. El-Sherbeny**; chin. Pharm. J. 1993, 45(5), 457.
4. "Synthesis of certain benzoxazine and quinazoline derivatives as potential antiinflammatory agents" M. M. El Kerdawy, M. Y. Yousif, A. A. El-Emam, M. A. Moustafa and **M. A. El-Sherbeny**, Egypt. J. Pharm. Sci. 1994, 35, 1.
5. "Synthesis, antimicrobial and antiviral evaluation of certain thienopyrimidine derivatives" **M. A. El-Sherbeny**, M. B. El-Ashmawy, H. I. El-Subbagh, A. A. El-Emam and F. A. Badria, Eur. J. Med. Chem. 1995, 30(5), 445.
6. "Novel diarylsulphide derivatives as potential cytotoxic agents" H. I. El Subbagh, **M. A. El-Sherbeny**, M. A. Nasr, F. E. Goda and F. A. Badria; Boll. Chim. Pharm. 1995; 134(2), 80.
7. "Synthesis and antiinflammatory activity of certain thienopyrimidine derivatives" M. M. El-Kerdawy, M. Y. Yousif, A. A. El-Emam, M. A. Moustafa and **M. A. El-Sherbeny**, Boll. Chim. Pharmaceutico 1996, 135(5), 301.

8. "Synthesis of some new thiazolo [4,5-d] pyrimidine derivatives and evaluation of their antiviral and cytotoxic activities" **M: A. EI-Sherbeny**, F. A. Badria and S. A. Khira; Med. Chem. Res, 1996, 6, 28,
9. "Synthesis, antitumor and anti-HIV-1. testing of certain thieno [2,3-d] pyrimidine, thieno[2,3-d]imidazo[1,2-c]pyrimidine and thieno[2,3-d][1,3]thiazine derivatives" I. A. Shehata, H. I. EI-Subbagh, A. M. Abdelal. **M. A. EI-Sherbeny** and A. A. AL-Obaid; Med. Chem. Res., 1996, 6, 148.
10. "Synthesis and cardiotoxic activity of certain Imidazo[2,1-b]-1,3,4-thiadiazole derivatives". **M. A, EI-Sherbeny**, E. R. EI-Bendary, H. I. EI-Subbagh and H. A. EI-Kashef. Boll. Chim. Pharmaceutico 1997, 136, 253.
11. "Heterocyclic system containing Pyrimidine nucleus as potential antimicrobial and antitumor agents". M. A. Mahran, **M. A. EI-Sherbeny**, A. A. AI-Obaid and F. A. Badria; Alex. J. Pharm. Sci. 1998, 12, 39.
12. "Synthesis, antimicrobial, and antitumor evaluation of certain new thiazolopyrimidines" E. R. EI-Bendary, **M. A. EI-Sherbeny** and F. A. Badria; Boll. Chim. Pharmaceutico 1998, 137, 115,
13. "Local anesthetic and antiarrhythmic activity of certain: new 1,3,4-thiadiazole derivatives". **Magda A- EI-Sherbeny**, Abdul-Rahman M. A. AI-Obaid and Hassan A. EI-Kashef. Saudi Pharmaceutical J. 1998, 6, 228.
14. "Synthesis of certain pyrimido[2,1-b]benzotriazole and benzothiazolo[2,3-b]quinazoline derivatives for in vitro antitumor and antiviral activities". **M. A. EI-Sherbeny**, *Arzneim – Forsch / Drug Res* 2000, 50, 848,.
15. "Synthesis, antitumor and anti HIV - testing of certain heterocyclic system containing adamantane nucleus. **Magda A. EI-Sherbeny**, *Arch. Pharm.* 2000, 333, 323,.
16. "Combinatorial chemistry in drug design". **M. A. EI-Sherbeny**. *Saudi Pharm. J.*, 2000, 8, 56,.

17. "Fluorimetric determination of some thioxanthene derivatives in dosage forms and biological fluids". I. A. Shehata, S. M. EI-Ashry, **M. A. EI-Sherbeny**, D. T. EI-Sherbeny, F. Belal. J. Pharm. Biomed. Anal 2000,22, 717.
18. "Differential-pulse polarographic determination of some N-substituted phenothiazine derivatives in dosage forms and urine through treatment with nitrous acid' F. Belal, S. M. EI-Ashry, I. A. Shehata, **M. A. EI-Sherbeny**, and D. T. EI-Sherbeny, Mikrochim Acta. 2000, 135, 147.
19. "Conductimetric determination of some drugs acting on the central nervous system". S. M. EI-Ashry, I. A. Shehala, **M. A. EI-Sherbeny**, D. T. EI-Sherbeny and F. Belal; Chem. Anal 2000, 45, 859.
20. "Novel pyridothienopyrimidine and pyridothienothiazine derivatives as potential antiviral and antitumor agents" **Magda A. EI-Sherbeny**, Khairia M. Youssef, Faiza S. EI-Shafeih and Abdul-Rahman M. Al-Obaid, Med. Chem Res, 2000, 10, 122.
21. "Adamantane derivatives, part II : synthesis DNA binding and antitumor evaluation" **Magda A. EI-Sherbeny**, Med. Chem. Res. 2002, 11, 74.
22. "Synthesis and antiinflammatory screening of some quinazoline and quinazolyl-4-oxoquinazoline derivatives" Magdy M. Gineinah, **Magda A. EI-Sherbeny**, Magda N. Nasr and Azza R. Maarouf. Arch. Pharm. 2002, 335. 556.
23. "Synthesis and biological evaluation of certain quinazoline derivatives as antitumor and antiviral agents", **Magda A. EI-Sherbeny**, Magdy M. Gineinah, Magda N. Nasr and Faiza S. EI-Shafeih, Arzneim-Forsch, 2003, 53, 206.
24. "Synthesis, in vitro and in vivo evaluation of a delivery system for targeting anticancer drugs to the brain" **Magda A. EI-Sherbeny**, Huda S. Al- Salem, Maha A. Sultan, Mahasen A. Radwan, Hassan A. Farag and Hussein I. El-Subbagh, Arch. Pharm. 2003, 1, 336.

25. "Adamantane derivatives, part III: synthesis of some aminoadamantanes as novel antitumor agents. **M. A. El-Sherbeny**, K. M. Youssef and M. A. Mahran. Sci. Pharm., 2003, 71, 195.
26. "Synthesis of curcumine analogues as potential antioxidant cancer chemopreventive agents". Khairia M. Youssef, **Magda A. El-Sherbeny**, Faiza S. El-Shafeih, Hassan H. Farag, Omar A. Al-Deeb and Sit-Albanat A. Awadalla. Arch. Pharm. 2004, 337, 42.
- 27-"Synthesis and Antitumor activity of Some Curcumin analogs ". Khairia M. Youssef, **Magda A. El-Sherbeny** . Arch. Pharm. 2005, 338, 181.
- 28--"Synthesis and *in vitro* antioxidant activity of some new fused pyridine analogs ". Mohamed A. Al-Omer, Khairia M. Youssef, **Magda A. El-Sherbeny** .Sit-Albanat A. Awadalla and Hussien I. El-Subbagh. Arch. Pharm. 2005, 338, 175.
- 29-"Novel hydroxy Phenyl ureas as antioxidant and cancer chemo preventive agents" In "New development in antioxidant research" Khairia M. youssef , **Magda A. El-Sherbeny** , Faiza El-Shafie, Omar Al-Deeb, Hassan H. Farag and Sit Al-Banat Awadalla Harold V. Panglossi (eds.), Nova Science, Inc.2006, chapter 4,PP. 250-270.
30. "Synthesis and Antitumor Evaluation of Novel Diarylsulfonylurea Derivatives Molecular modeling applications " **Magda A. El-Sherbeny** , Alaa A. M. Abdel-Aziz , Musa A. Ahmed Eur. J. of Med. Chem. 2010 , 45, 689.
31. "Synthesis and Antitumor Evaluation of Cyclic Arylsulfonylureas: ADME-T and pharmacophore Prediction " Ebrahim M El-deeb, Said M. Bayoumi, **Magda A. El-Sherbeny** , Alaa A. M. Abdel-Aziz Eur. J. of Med. Chem. 2010,45,2516
32. "Synthesis, in vitro Antitumor Activity and DNA-Binding Affinity of Novel Thiadiazolopyrimidine and Thiadiazoloquinazoline Derivatives "Mahmoud B. El-Ashmawy,* **Magda A. El-Sherbeny and** Nadia S. El-Sayed MJPS, 2010 , 26, 10-18

33-.(11R,12S)-16-Aminotetracyclo-[6.6.2.0_{2,7}.0_{9,14}]hexadeca-2(7),3,5,9(14),10,12-hexaen-15-ol " Alaa A.-M. Abdel-Aziz, Adel S. El-Azab, a **Magda A.El-Sherbeny**, Seik Weng Ngd, and Edward R. T. Tiekinkd Acta Cryst. 2012. E68, o2137

34. "N-(3-Aminobicyclo [2.2.1] heptan-2-yl)-4-methylbenzenesulfonamide" Alaa A.-M. Abdel-Aziz, Adel S. El-Azab, **Magda A.El-Sherbeny**.Seik Weng Ngd, and Edward R. T. Tiekink Acta Cryst. 2012. E68, o2032

35 "Molecular Modeling, Synthesis and Antimicrobial Evaluation of New Molecular Hybrids of Tetrazole Derivatives." Mohamed A. Moustafa*, **Magda A. El-Sherbeny** , Dina T. El-Sherbiny, Selwan M. El-Sayed J Am Sci . 2012; 8, 973-986

36." Design and Synthesis of New Benzimidazole Derivatives as Potential Antimicrobial Agents "**Magda A. El-Sherbeny**, Azza R. Maarouf, Ahmed H. E. Hassan, Naglaa . Abdel-Aziz J. Am. Sci, 2012;8 , 785-798

37." Synthesis and antitumor screening of new series of pyrimido-[4,5-b]quinolines and [1,2,4]triazolo[2,3 :3,4]pyrimido[6,5-b]quinolones" M. B. El-Ashmawy, **M. A. El-Sherbeny**, N. S. El-Gohary **Med. Chem. Res.** 2013, 22, 2724-2736

38 " Synthesis, molecular modeling study, preliminary antibacterial,

and antitumor evaluation of N-substituted naphthalimides and their structural analogues" Adel S. El-Azab • Amer M. Alanazi • Naglaa I. Abdel-Aziz •

Ibrahim A. Al-Suwaidan • Magda A. A. El-Sayed •**Magda A. El-Sherbeny** • Alaa A.-M. Abdel-Aziz **Med Chem Res.**2013, 22, 2360-2375

39. Synthesis and biological evaluation of new curcumin derivatives as antioxidant and antitumor agents Said M. Bayomi, Hassan A. El-Kashef, Mahmoud B. El-Ashmawy, Magda N. A. Nasr, **Magda A. El-Sherbeny**, Farid A. Badria, et al. **Med Chem Res** (2013) 22 .1147-116

40 |Synthesis and antitumor testing of certain new Fused Triazolopyrimidine and Triazoloquinazoline Derivatives " Ghada S. Hassan, **Magda A. El-Sherbeny**, Mahmoud B. El-Ashmawy, Said M. Bayomi, Azza R. Maarouf, Farid A. Badria **Arabian J. of Chemistry**, 2013,