

**Name:** Adel Fawzy Yousef Mohiel-Deen

**Academic affiliation:** Emeritus Professor of Pharmaceutical and medicinal Chemistry

**Birth date/place :** July 4<sup>th</sup>, 1936 / Cairo-Egypt.

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## EDUCATION

\* B.Pharm.and Pharm.Chem.- Alexandria University, June 1956.

\* Ph.D. -- Leningrad Chemical Pharmaceutical Institute,Leningrad, U.S.S.R. Oct. 1965.The geographical names and administrative terms relating to the former USSR are those that were in use at the time the study was being carried out .

## CERTIFICATES AND MEDAL AWARDS

\* Certificate of training in the field of microanalysis of pharmaceutical products. Republique Francaise, Ministere des Affaires Etranges,Cooperation Technique.

**SPOKEN FOREIGN LANGUAGES:** English, Russian and French.

## PROFESSIONAL EXPERIENCE

\* Visiting Professor at Faculty of Pharmacy EL-Khartoum University, R.Soudan ; Faculty of Pharmacy, El-Fateh University, Tripoly-Libya; Faculty of Medicine and Health Sciences, Sanaa-R.Yemen; Faculty of Pharmacy, Applied Sience University, Amman-Jordan.

## MEMBERSHIP

\* Egyptian Pharmaceutical Society, 1966--present.

\* American Chemical Society, 2005 -- present.

\* Committee for promotion of Associate Professors,Chemistry,and Committee for Promotion of Professors, Pharm. Chem.

\* Permanent Committee of the Egyptian Pharmacopea (Ministry of Health, Sector of Pharmacy Affairs), March 1991-1996.

\* Member of the project," Quality Assurance and Accriditation of the Faculty of Pharmacy, Assiut University" sponsored by Ministry of High Education , Egypt; 2005 -- present.

### **Postgraduate, Postdoctor Missions and Conferences attended**

- \* Faculté De Pharmacie Industrielle, Département De Chimie AL'Expertise ,Montpellier, France, July 1971-- Aug. 1972.
- \* International Conference of Pharmaceutical Education, Massachusetts College of Pharmacy, Boston, U.S.A., July 17-20, 1980.
- \* Annual Meeting of AACP Conf. Boston, U.S.A., July 20-24, 1980.
- \* Short visit to Institute of Pharm. Chem. Munster, Federal Germany, June 1988.
- \* Short visit to Dr. Takeo Kawaguchi, Faculty of Pharmaceutical Sciences, Josai University, Keyakidai, Sakado, Saitama Japan, April, 1992.
- \* Short visits to Prof. Yoshiaki Kiso, Kyoto Pharmaceutical University, Yamashina-Ku, Kyoto, Japan, October 1994 and May 1998.

### **SCIENTIFIC ACTIVITIES**

- \* Member of the Board of Referees for more than 50 Master and Ph.D. Theses in the fields of Pharm. Chem. and Org. Chem. in Faculties of Pharmacy in Egypt and Tripoly (Libya).
- \* Member of the Board of Referees of Bull. Pharm. Sci. Assiut University.
- \* Workshop on Computer Aided Drug Design held at Dept. of Medicinal Chemistry, Faculty of Pharmacy, Assiut University; Feb. 2007.

**No. of Publications: 42**



**Name:** Mahmoud Abdel-Fattah Mostafa El-Gendy

**Academic affiliation:** Emeritus Professor of Pharmaceutical and medicinal Chemistry

**Date of birth:** July 16, 1938

**Address:** Home: Staff Members-Residences, University of Assiut, Assiut, Egypt.

**Tel:** 002/088/2335767

**Office:** Faculty of Pharmacy, Assiut University, Assiut, Egypt.

**Tel:** 002/088/2411296

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### **EDUCATION:**

B. Pharmacy Cairo University (1962)

M. Pharmacy Assiut University (1965) Pharm. Chemistry

Ph.D. Pharm. Assiut University (1969) Pharm. Chemistry

### **EMPLOYMENT POSITIONS:**

Present: Emeritus Professor of Pharmaceutical Chemistry.

Former: - Dean, Faculty of Pharmacy, University of Assiut (1983- 1986)

-Vice Dean, Faculty of Pharmacy, University of Assiut (1979- 1983)

- Associate Prof. Faculty of Pharmacy (1974- 1978) Pharm. Chemistry.

- Assist. Prof. Faculty of Pharmacy (1969- 1974) Pharm. Chemistry.

-Teaching Assist, (Demonstrator), (1962- 1969)

- Chairman of Dept. of Pharm. Chem (1996- 1999)

### **FOREIGN TRAVELS:**

<b><u>Country:</u></b>	<b><u>Date</u></b>	<b><u>Purpose of visit</u></b>
Norway	1972- 1974	Fellowship (Post doctoral)
Sudan	1979- 1981	Visiting Professor
U.S.A.(Boston)	1980	Congress on Pharmacy Education
Bulgaria	1984	Visiting Professor.

Canada (Montreal)	1985	Congress of FIP
Finland (Helsinki)	1986	Congress of FIP
Germany (Munich)	1989	Congress of FIP
Yemen	1990-1995	Dean Faculty of Pharmacy
Lebanon	2000	Conference
Bulgaria	2005	Conference
Turkey	2007	Conference

**FORIGN LANGUAGES:** English

**TEACHING EXPERIENCE:**

- Teaching Pharmaceutical Chemistry, Since 1969 in Assiut University.
- Visiting Professor for teaching Pharmaceutical Chemistry, in KHARTOUM, MANSOURA and AL-AZHAR Universities of Sanaa University. (1990- 1995).
- Research Advisor for Master degrees.
- Research Advisor for Ph. D. Degrees.

**OTHER ACTIVITIES:**

- Representative of Assiut University at the Supreme Council of the Egyptian Universities as:
  - a) Councilor of the permanent Committee for Promotion of Associate professor in Pharmaceutical Chemistry
  - b) Councilor of the Permanent Committee for Promotion of Associate Professor in Chemistry.
  - c) Councilor of the Pharmaceutical Scientific Committee (1983- 986)
  - d) Degrees equivalence Committe. (Formerly).
  - e) Councilor of the Permanent Commette for Promotion of Professors in Chemistry in Al-Azhar University.
- Member of the Egyptian Pharmacy, Syndicate.
- Member of the Egyptian Pharmaceutical Society.
- Member of the Federation Internationale Pharmaceutique (FIP).
- Editor of Bulletin of Pharm. Sciences, Assiut University.
- Reviewer for the Egypt. J. Pharm. Sciences.
- Reviewer for J. Pharm. Sciences, Al-Azhar University.
- Principal Author and Coauthor of more than 44 Publications in the field of Pharmaceutical Chemistry. (List of Publications is enclosed).

**No. of Publications: 41**



**Name:** HASSAN H. AHMED. FARAG

**Academic affiliation:** Emeritus Professor of Pharmaceutical and medicinal Chemistry

**Date of birth:** December 17, 1941

**Address:** Home: Staff Members-Residences, University of Assiut, Assiut, Egypt.

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**Office:** Faculty of Pharmacy, Assiut University , Assiut, Egypt.

**Tel:** 002/088/2411298

**Email:** hfarag@aun.edu.eg

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#### **Academic Degrees:**

- Ph.D. in Pharmaceutical Chemistry, Faculty of Pharmacy, University of Assiut, Egypt (March 1972)
- MS in Pharmaceutical Chemistry, Faculty of Pharmacy, University of Assiut, Egypt ( 1968)
- Bachelor of Pharmacy and Pharmacy and Pharmaceutical Sciences, Faculty of Pharmacy, University of Cairo, Egypt (very good, honor, 1964)

#### **Employment Positions:**

- Present: Emeritus Professor of Pharmaceutical Chemistry  
Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Assiut, Assiut, Egypt
- Former: Professor of Pharmaceutical Chemistry  
Department of Pharmaceutical Chemistry, Faculty of Pharmacy, King Saud University, KSA (1998-2000)  
Professor of Pharmaceutical Chemistry  
Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Assiut, Assiut, Egypt (1983 – 1998)  
Associate Professor of Pharmaceutical Chemistry, 1976-1983  
Assistant Professor of Pharmaceutical Chemistry, 1972-1976  
Demonstrator in Department of Pharmaceutical Chemistry, 1964-1972

### **Administrative Positions:**

Dean, Faculty of Pharmacy, University of Assiut, 2000-2001  
Vice Dean for Student Affairs 1983-1985  
Vice Dean for Graduate Studies for three periods since 1985  
at Faculty of Pharmacy, University of Assiut, Egypt

### **Fellowships:**

Post Doctoral from the Ministry of Higher education, Egypt, to USA, 1980 - 1981  
Post Doctoral fellowship from NIH, USA to Department of Medicinal Chemistry, Faculty of Pharmacy, University of Florida, Gainesville, Florida, USA (Jan. 1981- Aug. 1982)  
Visiting Scholar, Center for Drug Discovery, Faculty of Pharmacy, University of Florida, Gainesville, Florida, USA, 1985-1987.  
Visiting Professor (NIH Fellowship), Center for Drug Discovery, Faculty of Pharmacy, University of Florida, Gainesville, Florida, USA, 1990-1992  
Visiting Professor (NIH Fellowship), Center for Drug Discovery, Faculty of Pharmacy, University of Florida, Gainesville, Florida, USA, 1994-1996

### **Desertations Supervision:**

Approved: Four Masters and Six Ph.Ds from Assiut U.

### **Teaching Experiences:**

Medicinal Chemistry, Organic Chemistry and Analytical Chemistry for both undergraduate and graduate students at different Universities in Egypt (Assiut, Al-Azhar, Al-Menia, Tanta, and Zagazeg, ) and King Saud University, KSA

### **Consultant Positions:**

Consultant for Pharmatic R&D company, Alachua, Florida, USA, 1985-1987  
Scientific Consultant for Chemical Industries Development (CID) company, Assiut, Egypt 1992-1994  
Scientific member in the “Upgrading and Development of Technologies in Pharmaceutical Industry in Egypt” project

### **Special Training:**

HPLC workshop by WATERS at Gainesville, USA, 1980  
HPLC training at DUPONT training center, USA, February 1985

### **Administrative Positions at International Conferences:**

Member of International Advisory Board for the first (May 1997) and second (May 1999)

conferences on DRUG OPTIMIZATION via RETROMETABOLISM at Amelia island plantation, USA.

General Secretary of Assiut University First Pharmaceutical Sciences Conference (March 1997)

Director and the main speaker in the first Assiut University workshop on HPLC (for Pharmacists of Assiut and Sohag provinces)

**Main Scientific Interest:**

Retrometabolism Drug Design

Computer Aided Drug Design

Site-Specific Chemical Delivery Systems (Brain, Eye, Lung and Skin)

Mutual prodrug design

Quantitative Structure Activity Relationships

Molecular Orbital and Molecular Mechanics Calculations

**No. of Publications: 59**

**Name :** Farghaly A. Omar

**Date of Birth :** 03/5/1951 , **Place of Birth:** Suhag

**Academic affiliation:** Professor of Pharmaceutical and medicinal Chemistry  
Head of the dept. of medicinal Chemistry

**Mailing Address:** Dept. of Medicinal Chemistry, Faculty of Pharmacy  
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**Scientific qualifications and employments:**

- 1) Head of the department of Medicinal Chemistry, Faculty of pharmacy, Assiut University, Oct. 2010
- 2) Coordinator of the department of Pharmaceutical chemistry, College of Pharmacy, King Khalid University (October 2007)
- 3) Professor of medicinal Chemistry, King Khaled University, Abha/kingdom of Saudi Arabia (October 2005 – July 2010).
- 4) Professor of medicinal chemistry, Addis Ababa University, Addis Ababa/Ethiopia (October 2004 – July 2005).
- 5) Vice Dean of Faculty of Pharmacy/ Assiut University (for students and education affairs (Oct. 2000 – Oct. 2004).
- 6) Director of the Center for Drug Discovery/Assiut University (Nov. 1999 – Oct. 2004).
- 7) Professor of Medicinal Chemistry (September 1999).
- 8) Head of the Department of Pharmaceutical and Medicinal Chemistry; Assiut University (Sept. 1999 – Sept. 2000)
- 9) Associate Professor of Pharm. Chem. (June 1994)
- 10) Research fellowship: Center for drug Discovery; Faculty of Pharmacy; Florida University (Gainsville/Florida- USA 1992).
- 11) Lecturer of Pharmaceutical Chemistry (June 1987); Dept. of Pharmaceutical Chemistry; Faculty of Pharmacy, Assiut University.
- 12) Ph. D. Studies; Bonn University (1982 – 1987)  
“Die Asymmetrische Synthese von GABA-verwandeter Cycloaliphatischer Aminosäuren und bicyclische Lactame”
- 13) M.Sc. Pharm. Chem. (Assiut University; May 1979).  
“Synthesis of Some Nitrobenzimidazole Acrylic Acid Derivatives of potential Antiparasitic Activity”.
- 14) B.Sc. Pharm. Sci. (Assiut university; June 1974).



### **Professional and Social Activities:**

- 1) Member of the Egyptian Pharmacist Syndicate
- 2) Member of the Egyptian Pharmaceutical Society.
- 3) Member of the Egyptian Society for Electron Microscopy.
- 4) Member of the New York Academy of Science.
- 5) Participant of several conferences for Pharmaceutical Sciences in Egypt; Germany and Austria.
  - 1) Symposium on "Naturstufe als Leitsubstanzen fuer neue Arzneistufe" Deutsche Pharmazeutische Gesellschaft, Bonn/Germany 18 -19 March 1988.
  - 2) Conference of the American Chemical Society, Chicago, USA, Feb. 1992.
  - 3) XXII Conference of pharmaceutical Sciences, The Egyptian Pharmaceutical Society, Cairo/Egypt Dec. 17 – 19 (1991).
  - 4) XXIV Conference of pharmaceutical Sciences, The Egyptian Pharmaceutical Society, Cairo/Egypt Dec. 22 – 24 (1994).
  - 5) Egyptian-German Conference on Medicinal Plants, Assiut/Egypt Nov. 27(1995).
  - 6) Workshop on Environmental Pollution and health problems, Faculty of Medicine/ Assiut University, Assiut/Egypt, May 18 – 23 (1996).
  - 7) Training courses on Electron microscopy (Technique and Applications), Assiut University, Assiut/Egypt March 30 – April 4 (1996).
  - 8) Symposium on "Antioxidants in medical practice" faculty of Medicine, Assiut University, Assiut/Egypt Nov. 5<sup>th</sup> (1996).
  - 9) Training Courses in Molecular Biology, Molecular biology and genetic engineering center, Assiut University, Assiut/Egypt May, 3 – 6 (1997).
  - 10) Assiut University 1<sup>st</sup> International Conferenc of Pharmaceutical Sciences, Assiut/Egypt March 4 – 5 (1998).
  - 11) XIV Wissenschaftliche Tagung der Oesterreichischen Pharmazeutischen Gesellschaft, Graz/Austria June 11 – 13 (1998).
  - 12) Assiut University 2<sup>nd</sup> International Conference of Pharmaceutical Sciences, Assiut /Egypt March 2- 4 (1998).
  - 13) Assiut University 3<sup>rd</sup> International Conference of Pharmaceutical Sciences, Assiut/ Egypt March 4 – 5 (2002).
  - 14) Symposium on "Red Sea Marine plants as Natural Leads for new Drugs" Faculty of Pharmacy, Suez canal University, Ismailia/Egypt Dec. 3 – 5 (2003).
  - 15) Assiut University 4<sup>th</sup> International Conference of Pharmaceutical Sciences, Assiut /Egypt March 4 – 5 (2004).
  - 16) The 7<sup>th</sup> International Saudi Pharmaceutical Conference; 19-21 March (2007); Riyadh, Saudi Arabia
  - 17) Workshop on "Conducting Initial Quality Evaluation" 17<sup>th</sup> April 2007; Centre for Academic Assessment and Development; KKU; Abha/ Saudi Arabia.

- 18) Workshop on “Multiple Choice Questions” 19<sup>th</sup> April 2007; Medical Education Development Center (MEDC); Abha/Saudi Arabia.
- 19) Training program” Blackboard Academic Suite- Learning System” 21/01/2009; King Khalid University, Abha- KSA.
- 20) Training program on” Academic leadership” 1 – 3 Nov. 2009; Abha/ Saudi Arabia.
- 21) Training programs on “E-Learning” King Khalid university; Abha/Saudi Arabia (2009).
- 22) Training Programm on” Working Tward Program Accreditation” conducted by Prince Naif institute for research and consulting services. 25/12/1430 – 27/12/1430 H, KKU; Abha-KSA>
- 23) Coordinator of the following committees of faculty of pharmacy – King Khalid university; Abha/Saudi Arabia:
  - a) Committee of training program for graduated pharmacists.
  - b) Committee of the study plan and courses.
  - c) Committee of Academic Accreditation and Quality Assessment.
- 24) Reviewer in several Journals and Bulletins:
  - Bulletin of Pharmaceutical Sciences; Assiut University.
  - Journal of Pharmaceutical Sciences, Cairo University.
  - Al-Mansoura University Scientific Award.
  - Saudi Pharmaceutical Journal.
  - Spectrochimica Act Part A: Biomolecular Spectroscopy.
  - King AbdulAziz University; Deanship of Scientific Research.

### **Teaching Activities:**

Teaching of the different topics of Medicinal chemistry for the graduate and postgraduate students in the Faculties of Pharmacy, Assiut University, Tanta University (1999/2000), and Al-Azhar University (Assiut), Addis Ababa University/ Ethiopia, and King Khaled University, Abha/KSA.

Good experience in applications and teaching medicinal Chemistry through E-Learning.

The teaching courses include the following topics:

- 1) *Medicinal Chemistry:*
- 2) *Drug Design and drug Development.*
- 3) *Pharmaceutical Organic chemistry:*
- 4) *Pharmaceutical Analytical Chemistry.*
- 5) *Instrumental Analysis.*
- 6) *Quality assurance and quality control of medicines.*

### ***Postgraduate coarses:***

- 1) Designing organic synthesis.

- 2) Reaction mechanisms in organic synthesis.
- 3) Combinatorial chemistry.
- 4) Advanced NMR methods in structure elucidation.
- 5) Biochemical basis of drugs actions.
- 6) Drug Design
- 7) Chemical Aspects in Quality Assurance of Drugs.

#### **Reviews Articles and Books:**

- 1) Review Article on "Recombinant DNA Technology in Drug Discovery", Assiut University September 1999.
- 2) Review Article on "Peptidomimetics and their Applications in Drug Design" Assiut University September, September 2001.
- 3) Topics In Medicinal Chemistry vol. I and II.
- 4) Practical Pharmaceutical Chemistry vol. I and II.
- 5) Drug Design"Principles, Approaches and Methodologies".

#### **Research Activities**

- 1) Drug Design
- 2) Asymmetric Synthesis of biologically active substances
- 3) Design and synthesis of Prodrugs of Non-Steroidal antiinflammatory agents with improved therapeutic index.
- 4) Synthesis and Design of biologically active compounds including: NSAIDs; Antiparasitic agents; Antifungal agents.
- 5) Pharmacokinetic studies using HPLC.
- 6) Design and Synthesis of Dopamine Chemical Delivery system to the brain.
- 7) Design and synthesis of Cytrabine (Ara-C) prodrugs.
- 8) Quantitative-Structure Activity Relationship Studies of newly synthesized antitubercular agents.
- 9) Review Article on "Recombinant DNA Technology in Drug Discovery".
- 10) Supervisor of several Theses for Master and Ph.D degrees in Assiut University and Al-Azhar University (Assiut).

**No. of Publications: 25**

**Name:** Nadia M. Mahfouz

**Date of Birth:** April 18, 1951

**Place of Birth:** Quina Egypt

**Profession:** Professor of Pharmaceutical Medicinal Chemistry,

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**Education:**

- 1) B.Sc in Pharmaceutical Sciences with grade Excellent and degree of Honor, July 1974, Assiut University.
- 2) M.Sc. in Pharmaceutical Sciences (Pharm. Chem.) in “Design and Synthesis of Potential Anti-infective Benzimidazole Derivatives”, Assiut 1979.
- 3) Research Fellow, Institute of Pharmaceutical Chemistry, Bonn University, Bonn, Germany Agents”, Assiut, 1988.
- 4) Ph.D in Pharmaceutical Sciences (Pharmaceutical Medicinal Chemistry) in “Synthesis and Screening of Certain Xanthone Derivatives as potential Anti-tuberculous

**Languages:**

- 1) English: Fluent written and spoken
- 2) German: Fair written and Fluent spoken

**Experience Record:**

- 1) Head of Pharmaceutical Medicinal Chemistry Department (from 2001 – present).
- 2) Professor of medicinal and pharmaceutical Chemistry, Dept of med, chemistry, Faculty of pharmacy, Assiut University(from 2001 - present).
- 3) Associate Professor (from 1995-2001), teaching pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses
- 4) Lecturer (from 1988- 1995), teaching pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses.
- 5) Research Fellow (from 1982-1987) in Institute of Pharmaceutical Chemistry, Bonn University, Bonn, Germany
- 6) Associate lecturer (from 1979 - 1982), tutor of undergraduate courses of pharmaceutical medicinal and organic chemistry as well as analytical pharmaceutical chemistry.
- 7) Associate lecturer (from 1987 - 1988) in Faculty of Pharmacy Assiut University, Assiut Egypt
- 8) Demonstrator (from 1974- 1979), tutor of undergraduate courses of pharmaceutical medicinal and organic chemistry as well as analytical pharmaceutical chemistry.

### **Teaching Experience:**

- Pharm. Med. Chemistry (I & II) for 3<sup>rd</sup> and 4<sup>th</sup> year Pharmacy students, Faculty of Pharmacy, Assiut University.
- Drug Design for 2<sup>nd</sup> year Pharmacy student, Faculty of Pharmacy ElAzhar University.
- Pharm. Med. Chemistry (I & II) for 3<sup>rd</sup> and 4<sup>th</sup> year Pharmacy students, Faculty of Pharmacy, El-Azhar University.
- Pharm. Med. Chemistry (II) for clinical Pharmacy student 6<sup>th</sup> semester.
- Assessment and defense of scientific projects given from 3<sup>rd</sup> and 4<sup>th</sup> year Pharmacy students, Faculty of Pharmacy, Assiut University.
- Member of oral committee examination for 3<sup>rd</sup> and 4<sup>th</sup> year Pharmacy students, Faculty of Pharmacy of Assiut, Cairo, Elmansora, Alexandria, Hellwan, El-Azhar, El-Zaggazig, El-Minia, Ain-Shamsh, 6-October, Miser International and Tanta Universities.
- Improve performance in the educational process (practical and theoretical), from tutorial classes, model answers, results declaration and carry out the statistical success rate to elevate the intellectual, practical and professional students skills.
- Teaching the following courses for the postgraduate students:
  - 1) General courses: Instrumental analysis (<sup>1</sup>H-NMR)
  - 2) Special courses: (<sup>13</sup>C-NMR, stereochemistry, QSAR, physicochemical properties, basis of <sup>13</sup>C-NMR and 2DNMR, Strategies and obstacles for synthesis of polypeptides, biotechnology products, computer aided drug design and special topics related to thesis).
- Member of committee examination (assessment and defense) of master and Ph.D thesis of Faculty of Pharmacy of Assiut, Hellwan, El-Azhar, El-Minia, Ain-Shamsh Universities.
- Arbitration Research and research projects of King Abdul Aziz University in Saudi Arabia, Assiut University Pharmaceutical Science Conferences, Bulletin of Pharmaceutical Sciences - Faculty of Pharmacy - University of Assiut, and Cairo University.

### **Research Interest:**

- 1) Design and synthesis of drug analogs
- 2) Evaluation of drugs by using new analytical methods.
- 3) Correlating the chemical descriptors & physicochemical parameters with biological activities quantitatively (QSAR studies).
- 4) Prodrug approaches and chemical delivery system: Synthesis, improvement of their physicochemical properties and kinetic study using HPLC.
- 5) Studying docking, pharmacophore searching and alignments using computer software (MOE program).
- 6) Determination of bioavailability of drugs, prodrugs and related compounds.

### **Desertations Supervision**

- Seven Masters, four approved
- Two Ph.Ds approved

### Conferences:

- Design, Synthesis and anti-inflammatory Activity of some 1,3,5-Oxadiazole Derivatives. **Nadia M. Mahfouz**, F.A. Omar and M.M. Abdel Rhman. XXIV Conference Of Pharmaceutical Science Cairo International Conference Center 20 – 22 December 1994.
- QSAR Study of polyhydroxyxanthenes II : Correlation of Lipophylicity and some Molecular Orbital Descriptors With Anti Tubercular Activity. **Nadia M. Mahfouz**, A. W.Frahm F. A. Omar and H. H. Farag. XXIV Conference Of Pharmaceutical Science Cairo International Conference Center 20 – 22 December 1994.
- Metronidazole Twin Esters Prodrugs II : Non Identical Twin Esters of Metronidazole and some Antiprotozoal Halogenated hydroxyquinoline Derivatives Tarek Aboul-Fadl, **Nadia M. Mahfouz** and Ahmed K. Diab. Assiut University First Pharmaceutical Science Conference 4 – 5 March 1998.
- Tolnaftate Analogues: Synthesis and In Vitro Activity of New Carbamodithioic acid Esters; **Nadia M. Mahfouz** and Abdel Raheem M. El- Shanawany First Pharmaceutical Science Conference 4 – 5 March 1998.
- Synthesis and QSAR of Apns Dipeptides Containing  $\alpha$ -Keto Acids at P2 as HIV-IPR Inhibitors Mahmoud M. Sheha, **Nadia M. Mahfouz** Hoda Y. Hassan, Adel F. Youssef and Yoshiaki Kiso. Assiut University First Pharmaceutical Science Conference 4 – 5 March 1998.
- Lecture in “The use of computers in the educational process” (Speaker) Assiut University First Pharmaceutical Science Conference 4 – 5 March 1998.
- Lecture in “HPLC as a tool in drug analysis” (Specker) Assiut University First Pharmaceutical Science Conference 4 – 5 March 1998.
- Lecture about “Improvement of Performance of Pharmaceutical in Egypt “ by **Nadia M. Mahfouz**; (Speaker) Assiut University First Pharmaceutical Science Conference 4 – 5 March 1998.
- Metronidazole Amino Acid Ester Prodrugs III : Synthesis, Physicochemical Properties, Hydrolysis Kinetic and Bioavailability Study; **Nadia M. Mahfouz** and Maha H. Hassan. Assiut University Second Pharmaceutical Science Conference 8 – 9 March 2000.
- Design, Synthesis and Antifungal Activity of Some 2- (1H-azoly1 )–2-(4-Methoxynaphthyl ) Ethane Derivatives, **Nadia M. Mahfouz**. Assiut University Second Pharmaceutical Science Conference 8 – 9 March 2000.
- Lecture about “Peptidomimetic Inhibitors “ by **Nadia M. Mahfouz**; (Speaker) , Assiut University Third Pharmaceutical Science Conference 5 – 6 March 2002.
- Synthesis and Investigation of Some 3,5-Disubstituted 2,4- Thiazolidinedione of Potential Analgesic and Anti-inflammatory Activities. Ahmed M. Shaheen, Gamal Eldin S. Alkrammany, **Nadia M. Mahfouz**, Mahmoud A. El-Gendy and Magda M. Yossry; Assiut University Fourth Pharmaceutical Science Conference 6 – 7 March 2004.
- Design and Synthesis of New Salicylate Derived Compounds of Expected Antitumor Activity

Ahmed S. Aboraia, Mahmoud A. El-Gendy, **Nadia M. Mahfouz** and Hamdy M. Abd-El-Rahman Assiut University Fourth Pharmaceutical Science Conference 6 – 7 March 2004.

- Pharmacophore-Based Design and Synthesis of New 1,3,4-Thiadiazole Derivatives as Carbonic Anhydrase Inhibitors Mohammed K. Abdel Hamid, Atef A. Abdel-Hafez, Nawal A. El-Koussi, **Nadia M. Mahfouz**, Dalal A. Abou El-Ella and T. Supuran. Assiut University Fifth Pharmaceutical Sciences Conference 7 – 8 March 2006.
- QSAR Study On a Series of 1,3,4-Thiadiazoles as Tumor-Associated. CA IX Inhibitors, M. K. Abdel-Hamid, A.A. Abdel-Hafez, N. A. El-Koussi, and **N. M. Mahfouz** The 7<sup>th</sup> International Saudi Pharmaceutical Conference, (19-21 March 2007), Riyadh, Saudia Arabia.
- Assiut University Sixth Pharmaceutical Sciences Conference 12 – 13 March 2008.

#### **Workshops, Training Courses and Seminars:**

- Coordinator of a series of workshops and training courses concerning **computer-aided drug design using MOE program:**
  - 1) Computer Aided Drug Design Using MOE (I) March 22, 2006
  - 2) Computer Aided Drug Design Using MOE (II) March 25, 2006
  - 3) Computer Aided Drug Design Using MOE (III) September 9-14, 2006
  - 4) Computer Aided Drug Design Using MOE (IV) December 5-7, 2006
  - 5) Computer Aided Drug Design Using MOE (V) March 12-15, 2007
  - 6) Application of MOE in Drug Design (VI) 26-29 Jan 2008
  - 7) Computer Aided Drug Design Using MOE(VII) July 5-10, 2008
  - 8) Computer Aided Drug Design Using MOE(VIII) August 23-28, 2008
  - 9) Computer Aided Drug Design Using MOE(IX) February 7-12, 2009
- Seminar in “Optimal use of cleaning products and cosmetics” October,14, 1996
- Lecture in “Theory and practice of <sup>13</sup>C-NMR:”, December,12,1996 (Speaker)
- Workshop in “Molecular biology”, May, 3-6, 1997.
- Seminar in “Aromatic plants, their cultivation and economic importance” October, 20, 1997.
- Seminar in “2D and 3D NMR and its applications”, October, 22, 1997.
- Seminar in “Human cloning” April 1<sup>st</sup> 1998.
- Workshop in “Uses and applications of electron microscope” March 7-12 1998.
- Training course in “Uses of Internet” February, 13-18, 1999.
- Training course in “Legal Studies” December 4-6, 1999.
- Workshop in “Identification of different types of Aspergillums species” March 24-29, 2001.
- Seminar in “Peptidomimetic Inhibitors” September, 2001 (Specker)
- Seminar in Synthesis of 5,7-Disubstituted Phenyl-2-(Pyridyl)-1,2,4-Triazolo[1,5-a] Pyrimidine with Potential Biological Activity(10/4/2002).
- Seminars in 1,2-Dihydroisoquinoline-N-Acetic Acid Derivatives as a New Carrier for Brain Specific Delivery (18/11/2002, 20/11/2002, 28/11/2002)

- Seminar in “Design, Synthesis and Investigation of Novel 5,6-Dihydroimidazo [2,1-b]Thiazole Derivatives of Expected anti-inflammatory activity(11/12/2002).
- Training course in “New trend in University teaching” January 14-16, 2003.
- Seminar in *Microwave Ovens Out of Kitchens* (15/3/2003).
- Seminar in 1,5-Diaryl-1H-1,2,4-Triazole-3-Carboxylic Acid Derivatives as Non-steroidal Antiinflammatory Agents (8/4/2003).
- Seminar in Rational Procedure for 3DQSAR Analysis Using TRNOE-Experiment and Computational Methods: Application to Thermolysin Inhibitors (11/4/2003).
- Seminar in An Unusual “Senseless” 2, 5-Oligonucleotide with Potent Anti-HIV Activity (30/4/2003).
- Seminar in Synthesis and investigation of some 3(5)-substituted-1,2,4-triazole-5(3) acetic acid derivatives of potential anti- inflammatory activity (6/5/2003)
- Seminar in “Synthesis and Investigation of Novel 3,5-Disubstituted 2,4-Thiazolidinedione Derivatives of Potential Biological Interest " 3D-Qualitative Structure Activity Relationship" (28/10/2003)
- Seminar in “Synthesis and Investigation of Novel 3,5-Disubstituted 2,4-Thiazol-idinedione Derivatives as Analgesic and anti-inflammatory Agents(9/11/2003).
- Seminar in “Design and Synthesis of New 5-Phenyl-1-(3-Pyridyl)-1H-1,2,4-Triazole-3-Carboxylic Acid Derivatives of Potential Anti-inflammatory Activity (11/11/2003).
- Seminar in “Synthesis and investigation of some 5(3)-substituted-1,2,4-triazole-3(5) acetic acid derivatives of potential anti- inflammatory activity (18/11/2003).
- Seminar in Accreditation Standards and Guidelines for Pharmacy Education (24/2/2004).
- Seminar in Novel Diazeniumdiolates and Diazeniumdiolate Hybrids as Nitric Oxide Releasing Drugs (11/3/2004).
- Seminar in “Dihydropyrimidine Derivatives as Calcium Channel Blockers (18/3/2004).
- Seminar in “Design and Synthesis of Some 5-Substituted Isoxazopole-3-Carboxylic Acid Derivatives as Antiinflammatory Agents(3/4/2004).
- Seminar in “Design, synthesis and Anti-tumor Evaluation of new Salicylate Derived Compounds (13/4/2004).
- Seminar in “Establishment of an Internet Quality Assurance System in Faculty of Pharmacy, Assiut University”.
- Workshop in Faculty of Pharmacy, Ain-Shamah Univerisity, about Workshop in computer Aided Drug Design in pharmacophore Generation using catalyst and Cerius 2 software and Silican Graphics computers, May12-13, 2004.
- Workshop in “Practical program for skills” January 12-13, 2005.
- Seminar in “Pharmacy practice from the point of view of WHO April, 20, 2005.
- Seminar in “Biotransformation Studies of Some Anti-inflammatory Drugs Using Human Intestinal Bacteria (3/5/2005).
- Seminar in “Design, Synthesis and Antimicrobial Evaluation of Small Schiff Bases



Combinatorial Library (4/10/2005).

- Seminar in “Design, Synthesis and Antimicrobial Evaluation of Small Schiff Bases Combinatorial Library (4/10/2005).
- Seminar in “Design and synthesis of new 6-phenyl-1-(3-pyridyl)-1H-1,2,4-triazole 3-carboxylic acid derivatives of potential anti-inflammatory activity (29/11/2005).
- Seminar in “Rhumatoid Arthritis (26/4/2006).
- Seminar in Studies of human intestinal bacterial metabolites of prednisone (26/6/2006)
- Seminar with Prof. Dr. Hany Helal, Minister of higher education and scientific research November, 7, 2006.
- Seminar in “Introduction to Combinatorial Chemistry and its Application in DD (28/2/2007).
- Seminar in “Design of Combinatorial Library Using MOE (7/3/2007).
- Seminar in “Computer-Aided Design, and Synthesis of Certain New 1,3,4-Thiadiazole Derivatives as Carbonic Anhydrase Inhibitors (24/4/2007)
- Seminar in “Design, synthesis and antimicrobial evaluation of small Schiff bases library (I)” (28/6/2007).
- Seminar in “ Different biological activities of 1,2,4-triazole derivatives (21/7/2007).
- Seminar in “Design, synthesis and antimicrobial evaluation of small Schiff bases library (II)” (7/11/2007).
- Seminar in “Synthesis and evaluation of Uracil and Adenine nucleotide derivatives and analogs as P2Y receptor ligands” (21/11/2007).
- Seminar in “Synthesis of substituted dihydropyrimidines as hypotensive agents” (15/1/2008).
- Seminar in “Academic standards and their relationship to the standard criteria of standard reference” May, 7<sup>th</sup>, 2008.
- Seminar in “Identify the needs of the domestic market of the community services provided by the Foundation” May, 11, 2008.
- Seminar in “Design, synthesis and investigation of new prodrugs of certain anti-inflammatory drugs’ (22/6/2008).
- Seminar in “Strategic plan of Faculty of Pharmacy” Jun, 30, 2008.
- Seminar in “Monoamine oxidase inhibitors” (12/7/2008).
- Seminar in “Model of the joint work plan in the application of the quality Assurance” August, 14, 2008.
- Seminar in Strategic plan “Gap Determination” August, 14, 2008.
- Seminar in “Participation of stakeholders in the development of a program of Pharmaceutical Science, Clinical Pharmacy” August, 27, 2008.
- Seminar in ‘Research plan of Medicinal Chemistry Dept. November, 17, 2008 (Speaker).
- Seminar in “Design, synthesis and investigation of new brain specific anti-depressants” (26/11/2008).
- Seminar in “Design and synthesis of certain 1,2,4-triazole derivatives with potential biological

activity” 24/12/2008).

- Lecture in “ Synthesis and use of polyfunctional pyridazines as valuable intermediates
- Seminar in “Role of Faculty of Pharmacy in solving Drug Industry problems in Egypt” March, 3<sup>rd</sup>, 2009.
- Seminar in “ Chlorzoxazone esters of some non-steroidal anti-inflammatory drugs as mutual prodrugs” (10/3/2009).
- Seminar in “Active learning in Pharmacy Curriculum” April, 7<sup>th</sup>, 2009.
- Seminar in “Association between the manifestation and give up” May, 13, 2009.
- Seminar in “Code of Ethics in Research & Practice” May, 19, 2009.
- Seminar in “Swine Flu between the deaths, slaughter” May, 20, 2009.
- Seminar in “ A comparative study of the outputs of the Faculty of Pharmacy program and academic standards” March, 17, 2009.

**Committee membership:**

- ❖ Follow-up to the replacement and renovation.
- ❖ Researches and Activities .
- ❖ Board of Directors of the Quality Assurance Unit.
- ❖ Heads of Departments of the draft Quality Assurance.
- ❖ Course specification and course report.
- ❖ management team of CIQAP.
- ❖ Head of Committee of Development of Department plans
- ❖ Head of Committee of Internal follow up.
- ❖ Member of the General Syndicate of Pharmacists of Egypt
- ❖ Member of the Egyptian Pharmaceutical Society
- ❖ Member of Egyptian Society of electron microscope (1998-1999)
- ❖ Member of the Board of the Faculty of Pharmacy
- ❖ Member of the Committee on College Libraries (1996-1999).
- ❖ Member of the Committee on Education and Student Affairs of College (1996-1999)
- ❖ Member of the Board of Pharmacy Department of Medical Chemistry (1988-2001).
- ❖ Head of Med. Chem. Dept. (2001 till now).
- ❖ Member of the Committee on post Graduate Studies (2001 till now).
- ❖ Member of affairs of society and the environment (2006-2007).
- ❖ Member of the Organizing Committee and management self-evaluation in the draft proposed by the Commission on the education sector Pharmacist involvement with some colleges of pharmacy in the Arab Republic of Egypt.
- ❖ Member in Department of Pharmaceutical Services Center College
- ❖ Member of “Monitoring Committee Degrees” of 1<sup>st</sup>, 3<sup>rd</sup> and 4<sup>th</sup> student Pharmacy.
- ❖ Editorial board of Bulletin of Pharmaceutical Science, Faculty of Pharmacy, Assiut University.
- ❖ Member in “Intellectual property rights and publishing committee”.

### Awards

- Award of Assiut University to the presidency of the characteristics (2006/2007)
- ACDIMA Award for best research in 2008 from ACDIMA drug company (Oman, Jordanian).

### Other Activities:

- Design, Preparation and processing the central Lab. in the Department of Med. Chem.
- Preparation and processing the centre of drug of the university and training the pharmacists on HPLC apparatus for drug analysis
- Collaboration in analysis of Mercurochrome samples from El-Gemhoria Company.
- Implementation of the procedures for participation in MOE Program from Chemical Computing Group (CCG) in Canada since 2007 till now.
- Visit Dr. **C. Suresh Reddy**, Prof. of organic Chem. Faculty of Science, **Syi Venkotesware** University, Indian and received him in the Department at March, 2006.
- Visit Dr. **Jean Jacques Bourguignon**, Professor of Med. Chem. Faculty of Pharmacy, **Strasburg University**, France and received him in the Department at 25/2/2009 and choose him as external evaluator of the Pharm. Med. Chem. Course of 3<sup>rd</sup> year Pharmacy student>
- Documentation of the university Books of 3<sup>rd</sup>, and 4<sup>th</sup> year Pharmacy student with Deposit Number and ISBN

**No. of Publications: 25**

**Name** : Tarek Aboul-Fadl Mohamed Hassan.

**Birth date / Place** : August 31, 1961, Qena-Egypt.

**Marital Status** : Married, 3 children.

**Nationality** : Egyptian.

**Mailing Address**: Department of Pharmaceutical Chemistry,  
Collage of Pharmacy, King Saud University.  
P.O.Box 2457 Riyadh 11451; Saudi Arabia

**Fax** : (+9661)467-6220

**Email** : Fadl@Ksu.Edu.Sa



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#### **Education :**

1. Ph.D. in Pharm. Sciences, (Pharm. Med. Chem.) on "Synthesis and Investigation of N4-Substituted Cytarabine (Ara-C) Derivatives as Prodrugs", January 1994, Assiut University - Egypt and Josai University, Saitama, Japan under the channel system and joint supervision scheme.
2. M. Sc. in Pharm. Sciences, (Pharm. Chem.), on "Synthesis of Chelating Pyrazole Derivatives with potential Biological Activity", November 1989, Assiut University.
3. B. Sc. in Pharmaceutical Sciences with grade " V. good with degree of honor ", June 1984, Assiut University.

#### **Pre- and Postdoctoral Fellowships:**

1. Research fellow, Department of Medicinal Chemistry, University of Utah, USA, February 2004- August 2005.
2. Postdoctoral fellow, Department of Medicinal Chemistry, University of Utah, USA, May 2001- November 2002
3. Postdoctoral fellow, Institute of Pharmacy and Food Chemistry, University of Erlangen-Nürnberg, Germany, September-December 1999.
4. Postdoctoral fellowship, Institute of Pharmaceutical Chemistry, University of Vienna, Austria, December 1997- August 1998.
5. Faculty of Pharm. Sciences, Josai University, Sakado, Saitama, Japan, May 1991- August 1993, Dept. of Pharmaceutical Techno-chemistry.

**Current Position:** Professor

#### **Experience Record :**

1. Professor, July 25,2004 to date.
2. Associate Professor, May 30,1999 - July 24,2004.
3. Lecturer, Feb. 20,1994 - May 29,1999.
4. Associate lecturer, Dec. 4,1989 - Feb. 19,1994.
5. Demonstrator, Oct.14,1984 - Dec. 3,1989.

**Teaching Experiences:**

1. Teaching Pharm., Med. and Org. Chem. courses for under- and graduate students of King Saud University – Saudi Arabia.
2. Teaching Pharm. Med. Chem. courses for under- and graduate students of Assiut, Al-Azhar (Assiut Branch) and Tanta Universities - Egypt.
3. Teaching Organic Chem. courses for graduate students of Assiut and Al-Azhar (Assiut Branch) Universities - Egypt.
4. Teaching Lab. safety and waste disposal courses for graduate students of Assiut and Al-Azhar (Assiut Branch) Universities - Egypt.
5. Tutor of undergraduate courses of Pharm. Med. and Organic Chem. (main), and Analytical Pharm. Chem. (Secondary) - Egypt.

**Research Interests:**

1. Prodrugs and chemical delivery systems.
2. Synthesis of organic compounds with potential antitubercular, antimicrobial and antifungal activities
3. Synthesis of organoselenium derivatives with potential cancer preventive activity.
4. Peptide nucleic acids and Oligonucleotids as antiviral agents.
5. Design, Synthesis and Evaluation of Small Combinatorial Library with Potential Biological Activity

**Titles of Theses Supervised****A) Ph.D. Thesis:**

1. Synthesis and SAR of Paeoniflorin and Paeonimetabolin-I Derivatives of Potential Anticonvulsant and Muscle relaxant activities. (*Approved*)
2. Estimation of histamine in meat products as indicator for their deterioration. (*Approved*)

**B) M. Sc. Thesis:**

1. 1,2-Dihydroisoquinoline-N-acetic acid Derivatives as New carriers for Specific Delivery of Drugs to the Brain. (*Approved*)
2. Design, Synthesis and Antitubercular Evaluation of Small Schiff Base Combinatorial Library.
3. Synthesis of Some Schiff's Bases of Indolin-2,3-dione and Quinolone Carboxylic Acid Derivatives With Potential Antitubercular Activity.

**Membership of Societies and Committees:**

1. American Chemical Society, Jan. 2002 - present
2. Egyptian Society of Pharmacists, May 1994 – present
3. Assiut University Staff members club, February 1994 - present.
4. Assiut University club, 1996 - present.
5. Egyptian Syndicate of Pharmacists, July 1984 - present.

**Conferences:**

1. The 7<sup>th</sup> International Saudi Pharmaceutical Conference. Riyadh-Saudi Arabia, March 19-21 2007.
2. International Symposium on Food and Drug Regulation (present & Outlook), Riyadh, Saudi Arabia, May 20-22, 2006.
3. The 9<sup>th</sup> International Pharmaceutical Science Conference and Exposition. Riyadh-Saudi Arabia, December 17-21 2005.
4. 229<sup>th</sup> American Chemical Society meeting, San Diego, California-USA, March 13-17, 2005.
5. The 22<sup>nd</sup> Annual Meeting of the Mountain West Society of Toxicology (MWSOT), Park City – Utah, USA. September 10, 2004.
6. Annual Bioscience Symposium, University of Utah, Salt Lake City, Utah-USA, September 9, 2004.
7. The 2004 University of Utah College of Pharmacy Research Symposium, Slat Lake City – Utah, USA, April 15, 2004.
8. The 1<sup>st</sup> International Congress of Pharmaceutical and Drug Industries Division, National Research Center, Cairo-Egypt, March 24-26,2003.
9. XXVIII Conference of Egyptian Pharmaceutical Society, Cairo - Egypt, December 17-19,2002.
10. 223<sup>ed</sup> American Chemical Society meeting, Orlando, Florida-USA, April 6-11, 2002.
11. Annual Bioscience Symposium, University of Utah, Salt Lake City, Utah-USA, August 30, 2001.
12. XXVII Conference of Egyptian Pharmaceutical Society, Cairo - Egypt, January 2-4,2001.
13. Assiut University 2<sup>nd</sup> International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut-Egypt, March 8-9,2000.
14. XXVI Conference of Egyptian Pharmaceutical Society, Cairo - Egypt, December 8-10,1998.
15. XIV Scientific Meeting of the Austrian Pharmaceutical Society, Graz, June 11-13, 1998.
16. XXV Conference of Egyptian Pharmaceutical Society, Cairo - Egypt, December 24-26,1996.
17. Egyptian-German Conference on Medicinal Plants, Assiut - Egypt, November 27, 1995.
18. Al-Azhar First International Conference on Recent Advances in Pharmaceutical Technology and Biological Sciences, Cairo - Egypt, December 19- 21, 1995.
19. World Congress of Pharmacy and Pharmaceutical Sciences 1993, (FIP'93), Tokyo, Japan, September 5-10, 1993.
20. Symposium "Enhancement of Research Efficiency of Assistant Lecturer and Demonstrators" Staff members Club of Assiut University, Assiut-Egypt, February 23-28, 1991.
21. 3<sup>rd</sup> IBN SINA Symposium on Heterocyclic Chemistry, Aswan - Egypt, January 28-31, 1991.

**Invited Lectures:**

2. College of Pharmacy Research Center – King Saud University, Riyadh-Saudi Arabia, December 6, 2006.  
Life Science Research Center, Gifu University, Gifu-Japan, March 28-31, 2005. <http://www.c-goudou.org/announce/an08csjj04.html>

**Training and Workshops:**

1. Training Course in Chromatography: Old and New Thin-Layer Chromatography Technique. CAMAG, Riyadh, KSA, May 22, 2006.
2. Workshop on How to Prepare Projects for the Development of Higher Education- Unit Projects Management– Assiut University, Assiut-Egypt, September 16, 2003.
3. Workshop in Computer Aided-Drug Design, Faculty of Pharmacy, Ain Shams University, Cairo-Egypt, April 16-17, 2003.
4. Workshop in Using and Applications of Microcalorimetry, Faculty of Pharmacy, University of Utah, Salt Lake City-Utah, USA, May 15, 2001.
5. Workshop in Using Differential Scanning Calorimeter, Faculty of Pharmacy, Assiut University, Assiut-Egypt, November 26, 1998.
6. Training course in molecular biology, Assiut University Genetic Engineering & Molecular Biology Research Center, Assiut-Egypt, May 3-6, 1997.
7. An Intensive Training Course on Operating Systems and Macintosh Computers and Programs Alenashralmketbi (Imagstar) - A National Group of The Computer Services, Cairo-Egypt, April 1994.
8. Training Course on Introduction to PC Operating Systems and Programming Assiut University Computer Center, Assiut –Egypt, October 28-November 11, 1990.

**Patents in Registrations:**

1. Preparation of prodrugs and conjugates of thiol- and selenol-containing compounds and Methods of Use Thereof. Michael R. Franklin, Jeanette Roberts, **Tarek Aboul-Fadl**, U.S. Pat. Appl. Publ. (2005), 20 pp., Cont.-in-part of U.S. Ser. No. 51,463. CODEN: USXXCO US 2005267172 A1 20051201 Patent written in English. Application: US 2005-33464 20050111.
2. Methods and Compositions Related to Eosinophil Regulation. Lori A.Wagner, Katrin Szardenings, Gerald J. Gleich, **Tarek Aboul-Fadl**. U.S. Patent Application No. 60/800,989, 2006.

**Projects:**

1. PI in a project of *In Vitro* Investigations of Biotransformation of Some Xenobiotics by Human Intestinal Bacteria (HIB). Supported by College of Pharmacy Research Center/King Saud University (2007-2009).

2. Investigator in a project of Immunoanalytical Study for Evaluation of 5-Methyldeoxycytidine as a Diagnostic Biomarker for Leukemia. Supported by College of Pharmacy Research Center/King Saud University (2007-2009).
3. PI in a project of Synthesis and Investigation of Some Amantadine Derivatives as Hepatic Delivery System to enhance its Activity Against HCV. Supported by College of Pharmacy Research Center/King Saud University (2006-2008).
4. Investigator in a project of Synthesis and Investigation of Selenium Derivatives with Potential Cancer Preventive Activity. Supported by College of Pharmacy Research Center/King Saud University (2006-2008).
5. Investigator in a project of Development of Sensitive Immunoanalytical Technique for 2'-Deoxycytidine as a Potential Prognostic Marker for Breast Cancer Chemotherapy. Supported by College of Pharmacy Research center/King Saud University (2006-2007).
6. Investigator in a project of An Unusual and Alternative Route for Synthesis of Chiral 4-Substituted-N-Arylsulfonyl-2-Imidazolidinones and Their Antitumor Activity: Molecular Modeling Study. Supported by College of Pharmacy Research Center/King Saud University (2006-2008).
7. Investigator in a project of Methods and Compositions Related to Eosinophil Regulation. In collaboration with Department of Dermatology and Immunology, School of Medicine - University of Utah/USA. Supported by University of Utah (October 2004- August 2005).
8. Investigator in a project of Synthesis of Preparation of prodrugs and conjugates of thiol- and selenol-containing compounds and Methods of Use Thereof. In collaboration with Department of Medicinal Chemistry, College of Pharmacy - University of Utah/USA. Supported by NIH (February 2004- August 2005).
9. Investigator in a project of Synthesis of Homogenous Oligoribonucleotides with Potent Anti-HIV Activity. In collaboration with Department of Medicinal Chemistry, College of Pharmacy - University of Utah/USA. Supported by NIH (May 2001- November 2002).
10. Investigator in a project of Synthesis of Selective Dopamine Receptors (D4) Agents with Potential Antipsychotic Activity. In collaboration with Department of Medicinal Chemistry, Institute of Pharmaceutical and Food Chemistry, Emil Fischer Center, Friedrich-Alexander University, Germany. Supported by the Deutsche Forschungsgemeinschaft, the BMBF, the Fonds der Chemischen Industrie and Deutsche Academic Exchange Program (DAAD), (September 1999- December 1999).
11. Investigator in a project of Synthesis of A Structurally Simplified Analogue of the Antibiotic Heptelidic Acid. In collaboration with Institute of Pharmaceutical Chemistry - University of Vienna/Austria. Supported by Austrian Scientific Exchange Program (FWF), (December 1997- August 1998).

### **Reviewing and Editorial Boards of Journals**

1. Journal of Pharmacy & Pharmaceutical Sciences.



1. Journal of Biotechnology.
2. Medicinal Research Reviews.
3. Expert Opinion on Drug Discovery.
4. Saudi Pharmaceutical Journal.
5. International Journal of Biomedical Sciences.

**No. of Publications: 44**

**Name** : Atef Abdel-Monem Abdel-Hafez  
**Current Status** : Professor  
**Date of Birth** : November 15, 1966  
**Place of Birth** : Assiut, Egypt  
**Work Address** : Department of Pharmaceutical Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt.  
**Home Address** : Ismail El-Kabani Street, Mekka El-mokarama Tower, 3<sup>rd</sup> floor, Apartment No. 307, Assiut, Egypt.  
**Telephone**: (2088)-2303006 **Fax** : (2088)-2332776  
**Mobile Phone** : 0127433154 (In Egypt)  
**E-mail**: atef@aun.edu.eg

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#### **Educations:**

- B.Pharm.Sci. (Pharmaceutical Sciences) May 1989; Faculty of Pharmacy, Assiut University, Assiut, Egypt,
- M. Pharm. Sci. (Pharmaceutical Medicinal Chemistry) December 1995; Faculty of Pharmacy, Assiut University, Assiut, Egypt  
“*Synthesis and investigation of 3(5)-amino (Chloro)-1,2,4 triazole-5(3)-carboxylic acid derivatives*”
- Ph.D. (Pharmaceutical Medicinal Chemistry) March 1999; Faculty of Pharmacy, Assiut University, Assiut, Egypt.  
“*Chemical and biochemical modifications of paeoniflorin and its major metabolite paeonimetabolin-I, targeting neuropharmacological activities*”

#### **Societies and Boards:**

- |                  |  |
|------------------|--|
| <b>1990</b>      | Member of the Pharmaceutical Society of Egypt  |
| <b>1996-1998</b> | Predoctoral work with Professor Masao Hattori, Department of Cell Resources Engineering, Institute of Natural Medicine, Toyama Medical and Pharmaceutical University, 2630 Sugitani, Toyama 930-0194, Japan.   |
| <b>1989</b>      | Member of the Egyptian Syndicate of Pharmacists  |
| <b>2000</b>      | Membership of the Pharmaceutical Society of Japan  |
| <b>2001</b>      | A referee in Bioorganic & Medicinal Chemistry Journal  |
| <b>2000-2002</b> | Postdoctoral fellowship under the "Japan society for the promotion of science postdoctoral fellowship program for foreign researchers in Japan for a period of 24 consecutive months" with Professor Masao Hattori, Toyama Medical and Pharmaceutical University, 2630 Sugitani, Toyama 930-0194, Japan. |

**2003**

Member of Who'sWho in Science and Engineering Encyclopedia 7<sup>th</sup>  
Edition. 2003-2004

**Research Interest:**

- Design, synthesis of novel medium-sized Macrolides.
- Biotransformation of bioactive compounds by using human intestinal bacteria.
- Bio-activation of naturally isolated compounds by using human intestinal bacteria.
- Isolation and structural elucidation of naturally bioactive compounds.
- Chemical and biochemical modifications of lead compounds to maximize the biological activity and reduce toxicity.
- Design and synthesis of organic compounds of potential biological activities.
- Prodrugs and chemical delivery systems

**Research Experiences:**

- Anaerobic fermentation methods
- Enzymatic metabolism
- Separation techniques of bacterial metabolites
- Isolation and purification techniques
- Chromatography (HPLC, GC, etc.)
- Modern spectroscopic techniques (2D-NMR, MS, CD, etc.)
- Personal experience in carrying out the oral glucose tolerance test in mice or rats, the anticonvulsant activity using Sc PTZ seizure test and Scopolamine-induced amnesia using passive avoidance task.

**Review articles and Books:**

1. Review article on "Anti-aging Drugs".
2. Topics in Medicinal Chemistry Volume I and II.
3. Practical Pharmaceutical Chemistry Volume I and II.

**No. of Publications: 14**

**Name:** Nawal Abou Bakr Abdel-Haleem El-Koussi

**Current Status:** Professor

**Work Address:** Department of Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt.

**Date of Birth:** December 4, 1953

**Place of Birth:** El-Minia, Egypt

**Home Address:** 5 Mohamed Nageeb Serri Street, Apartment No. 31, 2<sup>nd</sup> floor, Assiut, Egypt.

**Telephone:** (2088)-328574                      **Fax** (2088)-332776

**E-mail:**                      [nawal-a@acc.aun.edu.eg](mailto:nawal-a@acc.aun.edu.eg)  
                                    [nawalelkoussi@yahoo.com](mailto:nawalelkoussi@yahoo.com)

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**Languages:** English: Fluent written and spoken

**Education:**

**1976:** B.Sc in pharmaceutical sciences, Assiut University.

**1982:** M.Sc. Pharm. Sci. (Pharmaceutical Medicinal Chemistry); Faculty of Pharmacy, Assiut University, Assiut, Egypt.

“Synthesis of certain oxanilic acid derivatives of expected biological activity”

**1989:** Ph.D.(Pharmaceutical Medicinal Chemistry); Faculty of Pharmacy, Assiut University.

“Design, Synthesis and Investigation of Certain Pyridine Derivatives of Potential Antineoplastic Activity”

**Studied Abroad**

1999-2000    Postdoctoral fellowship for six months in Kyoto University with Prof. Tomioka

**Research Interest**

Design and synthesis of organic compounds of potential biological activities.

Design, synthesis and investigation of chelating agents.

Prodrug and chemical delivery system.

Studying docking, pharmacophore searching and alignments using computer software (E.g. MOE program).

**Teaching:**

Teaching of Pharmaceutical Medicinal Chemistry for third and fourth year students Assiut University, El Minia University and AlAzhar University.

**Supervision on Scientific thesis:**

(5 master thesis ) and (2 Ph. D thesis) all are finished.

**Experience Record:**

- 1) Demonstrator from 1976 tutor of undergraduate courses of pharmaceutical medicinal and organic chemistry as well as analytical pharmaceutical chemistry.
- 2) Associate lecturer from 1983 in Faculty of Pharmacy Assiut University, Assiut Egypt
- 3) Lecturer from 1990, teaching pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses.
- 4) Associate Professor from 1998, teaching pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses.
- 5) Professor of pharmaceutical and medicinal chemistry (Oct. 2010).

**No. of Publications: 15**

**Name:** Hoda youssef Hassan Huosien  
**Current Status:** Associate Professor  
**Work Address:** Departement of Pharmaceutical Medicinal Chemistry, Faculty of  
Pharmacy, Assiut University, Assiut, Egypt.  
**Date of Birth:** December 5, 1948  
**Place of Birth** Aswan, Egypt  
**Home Address:** Nile Street Alexan Appartment No. 1, 13<sup>th</sup> Flat  
Assiut, Egypt.  
**Telephone:** (2088)-2328404                      **Mobile:** 0124775986  
**Fax Number** (2088)-332776  
**E-mail:**

=====

**Languages:**

English: Fluent written and spoken

**Education:**

**1972:** B.Sc in pharmaceutical sciences, Assiut University.

**1977:** M.Sc. Pharm. Sci. (Pharmaceutical Medicinal Chemistry); Faculty of Pharmacy, Assiut  
University, Assiut, Egypt.

“Synthesis of new pyridyl acrylic acid derivatives of potential antiprotozoal activity”

**1983:** Ph.D.(Pharmaceutical Medicinal Chemistry); Faculty of Pharmacy, Assiut University.

“Synthesis of nitropyridine derivatives as active agents against certain microbes and parasites”

**Studied Abroad**

1997 Postdoctoral fellowship for six months in Kyoto University with Prof. Nakagawa

**Research Interest**

Design and synthesis of organic compounds of potential biological activities.

Design, synthesis and investigation of chelating agents.

Prodrug and chemical delivery system.

Studying docking, pharmacophore searching and alignments using computer software (E.g. MOE program).

**Teaching:**

Teaching of of organic Chemistry First year students Assiut University, (1983- 1984)

Teaching of Pharmaceutical Medicinal Chemistry for third and fourth year students Assiut University.

Teaching of of organic Chemistry Second year students El Minia University, (2000- 2001)

Teaching of Pharmaceutical Medicinal Chemistry for third and fourth year students

El Minia University (2001- 2005).

Teaching of Drug design Medicinal Chemistry for Second, third and fourth year students AlAzhar University (2004- 2008).

**Supervision on Scientific thesis:**

(7 master thesis ) five are finished and (2 Ph. D thesis all are finished).

**Experience Record:**

- 1) Demonstrator from 1/3/1973 of undergraduate courses of pharmaceutical medicinal and organic chemistry as well as analytical pharmaceutical chemistry.
- 2) Associate lecturer from 7/11/1977 in Faculty of Pharmacy Assiut University, Assiut Egypt
- 3) Lecturer from 22/5/1983, teaching Organic, pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses.
- 4) Associate Professor from 12/8/1990, teaching pharmaceutical medicinal chemistry to under- and post-graduate students, co supervisor of M. Sc and Ph.D. Theses.

**No. of Publications: 11**

**Name:** MAHMOUD MOHAMED SHEHA

Home Address:

Business Address: Jeddah/ Saudi Arabia

P.O. Box: 51399; Postal Code: 21543

Date of Birth: May 18<sup>th</sup> 1962

### III. Educational Data

#### Academic History

Degree	Year	Name of Institute	Major Field of study	Country
Ph.D	1996	Kyoto Pharmaceutical University	Medicinal Chemistry	Japan
M.Sci	1990	Assiut University	Medicinal Chemistry	Egypt
B.Pharm.	1985	Assiut University	Pharmaceutical Sciences	Egypt

**Current Specialization:** Pharmaceutical Chemistry

#### Special skills/interests:

*Prodrug, Site-Specific Drug Targeting, Drug Design, CADD*

#### Professional and Organization Memberships:

Egyptian Pharmacy Syndicate, American Association of Pharmaceutical Sciences (AAPS)

**Recent Published Papers:** *14 Scientific papers published in international pharmaceutical journals (J. Med. Chem. & Pharm. Sci. & Die Pharmazie & Bioorg. Med. Chem. & Archive die Pharmazie chromatography) and 3 papers (Alzheimer Disease) published recently in joint-work with international scientific team (French and Americans).*

#### D. Employment History

**Present Employer:** *College of Health Sciences, Jeddah*

**Title:** *Assistant Professor / Head of Pharmacy Department*



<b>Date of Employment:</b>					
	MONTH	YEAR		MONTH	YEAR
From:	10	2003	To:	Present	Present
<b>Previous Employer:</b> Assiut University, Faculty of Pharmacy					
<b>Title:</b> Associate Professor					
<b>Date of Employment:</b>					
	MONTH	YEAR		MONTH	YEAR
From:	9	2003	To:	Present	Present
<b>Previous Employer:</b> Assiut University, Faculty of Pharmacy					
<b>Title:</b> Lecturer					
<b>Date of Employment:</b>					
	MONTH	YEAR		MONTH	YEAR
From:	6	1996	To:	8	2003
<b>Previous Employer:</b> T3A Pharma Group					
<b>Title:</b> Quality Control Manager					
<b>Date of Employment:</b>					
	MONTH	YEAR		MONTH	YEAR
From:	9	1999	To:	10	2001

### **OTHER ACTIVITIES**

#### 1. **Three M.Sc and Two Ph.D** thesis supervision:

- Med. Chem. Dept., Faculty of Pharmacy, Assiut University, Egypt. (Chemical delivery system).
- Med. Chem. Dept., Faculty of Pharmacy, Al-Azhar University, Egypt. (Drug-Brain delivery).
- Med. Chem. Dept., Faculty of Pharmacy, Assiut University, Egypt. (Prodrug for site-specific drug delivery).

- Food Manufacturing Dept., Faculty of Agriculture, Assiut University, Egypt. (Effect of manufacturing processes on Isoflavone content in commercial Soybean foods).
- 2. Bioequivalence study, analytical method development and consultancy for some pharmaceutical companies.**
- 3. Join-research projects with *French University (Université de la Méditerranée) and Inserm Institut (France)* and patent applications about drug targeting to the brain.**

#### **INTERNATIONAL CONFERENCES**

[1] Achema 2000, International Meeting on Chemical Engineering, Environmental Protection and Biotechnology, *Frankfurt*, Germany, May 22-27, 2000.

[2] American Association of Pharmaceutical Sciences, *Indianapolis*, 21 - 25 October 2000.

[3] American Association of Pharmaceutical Sciences, *Denver*, 21 - 25 October 2001 (*Two papers; Oral and poster presentations*).

[4] NODCAR Conference, *Cairo*, 23-25 March 2002 (Poster presentation).

[5] Egyptian Pharmaceutical Conference, *Cairo*, December 23, 2002 (Poster Presentation).

**No. of Recent Publications: 15**

## Academic Resume

### Personal:

**Name:** Hamdy Mohamed Mohamed Abdel-Rahman

**Nationality:** Egyptian

**Date of Birth:** July 7<sup>th</sup>, 1966

**Marital status:** married with two children.

### Current position:

Associate Professor,

Department of Medicinal Chemistry

Faculty of Pharmacy, Assiut University

Assiut 71526, Egypt.

### Permanent Address:

Department of Medicinal Chemistry

Faculty of Pharmacy, Assiut University

Assiut 71526, Egypt.

Tel. (office) 088-2411563, Tel. (home) 088-2359605

Tel. (Mobile) 0194374607

Fax. (office) +20-88-2332776

E.mail : hamdym@aun.edu.eg

hamdym01@yahoo.com

### Employment History:

#### Sept. 2006-Now

**Associate Professor**, Department of Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Egypt.

#### Oct. 2006-July 2009

**Research Fellow**, Institute of Cancer Therapeutics,

University of Bradford, Bradford, West Yorkshire, UK

**Sept. 1999-Sept. 2006**

**Lecturer**, Department of Pharmaceutical Medicinal Chemistry, Faculty of Pharmacy, Assiut University, Egypt.

**Oct. 2002-Oct. 2004:**

**Post-doctoral** research fellow, Kyoto Pharmaceutical University, Japan.

**July 1996-March 1999:**

**Research fellow**, Kyoto Pharmaceutical University, Japan

**Jan. 1996-Aug. 1999:**

**Assistant lecturer**, Faculty of Pharmacy, Assiut University, Egypt.

**1991-1995:**

**Demonstrator**, Faculty of Pharmacy, Assiut University, Egypt.

#### **Education:**

**August 1999: Ph.D.** in Pharmaceutical Sciences (Pharmaceutical Medicinal Chemistry),

Faculty of Pharmacy, Assiut University, Egypt, in a joint supervision system with Kyoto Pharmaceutical University, Kyoto, Japan

**Dec. 1995: M.Sc.** in Pharmaceutical Sciences (Pharmaceutical Medicinal Chemistry), Faculty of Pharmacy, Assiut University, Egypt.

**May 1989: B.Sc.** in Pharmaceutical Sciences, Faculty of Pharmacy, Assiut University, Egypt.

#### **Memberships:**

- 1) American Chemical Society (Division of Medicinal Chemistry)
- 2) Japanese Peptide Society
- 3) Egyptian Syndicate of Pharmacists

#### **Research Focus:**

- 1) Design, Synthesis and Investigation of heterocyclic compounds with diverse biological effects. Mostly anticancer, anti-tubercular, anti-inflammatory, and

- antimicrobial agents
- 2) Design, Synthesis and Investigation of peptidomimetics with expected biological effects specially enzyme inhibition (eg. HIV-1 protease inhibitors,  $\beta$ -secretase inhibitors.....etc).
  - 3) Study of the quantitative analysis methods of drugs in bulk materials, biological fluids, or dosage forms.
  - 4) Molecular Modeling and computer-aided drug design

### **Teaching Activities**

- 1) Teaching Medicinal Chemistry subjects to both undergraduate and postgraduate pharmacy students.
- 2) Supervision to master students' theses in the field of pharmaceutical and medicinal chemistry.

### **Languages:**

- 1) Arabic (mother language)
- 2) English (very good spoken and written)
- 3) Japanese (good spoken only)

### **Skills:**

- 1) Use and interpret NMR, IR, MS, and other Spectrophotometric data.
- 2) Perform peptide synthesis in solution phase or on solid support.
- 3) Use HPLC for both analytical and preparative purposes.
- 4) Use Molecular Operating environment (MOE) software for Computer-Aided drug design.
- 5) Use of both windows and Macintosh word processors with different chemistry programs as CS ChemOffice, ACD labs.

**No. of Publications: 25**

## Curriculum Vitae

### Gamal Eldin Saber Mohamed Alkaramany Ph.D

Name Gamal Eldin saber Mohamed Alkaramany

**Family Name:** Alkaramany **Forename** Gamal Eldin

**Nationality:** Egyptian

**Sex:** Male

**Date of Birth:** March 27 th /1952 **Place of Birth** Bany mazar , El-Minia, Egypt

**Marital Status:** Married

**Home Address:** 25 Alzraeen Street, Apartment No. 10, 5th floor, Assiut, Egypt.

**Telephone Number:** (02088)-2310885 **Fax Number** (02088)-2332776

**Work Address:** Departement of Pharmaceutical Medicinal Chemistry, Faculty of  
Pharmacy, Assiut University, Assiut, Egypt.

**E-mail:** karamany@aun.edu.eg

Education:

1975 **B.Sc in Pharmaceutical Sciences, Assiut University with grade  
Very good with degree of honor.**

1982                    **M.Sc. Pharm. Sci. (Pharmaceutical Medicinal Chemistry)**  
Faculty of Pharmacy, Assiut University, Assiut, Egypt.

**Title of the thesis:**

Synthesis of imidazo[4,5-b] pyridine derivatives of expected biological activity

**1989**                    Ph.D.(Pharmaceutical Medicinal Chemistry)  
Faculty of Pharmacy, Assiut University, Assiut, Egypt.

Title of the thesis

Synthesis of imidazo[4,5-b] pyridine derivatives of expected biological activity

Courses as Prerequisite to M.Sc. and Ph.D

- 1- Instrumental analysis
- 2- Mathematics and Statistics
- 3- Physical chemistry
- 4- Laboratory safety and waste disposal
- 5- Advanced medicinal chemistry (1)
- 6- Advanced medicinal chemistry (2)
- 7- Introduction for synthesis of medicinal agents
- 8- Advanced pharmaceutical analysis
- 9- Practical bases of chemical processes and reactions

Research Interest

Design and synthesis of organic compounds of potential biological activities.

Design, synthesis and investigation of chelating agents.

Prodrug and chemical delivery system.

**Current Status** Leecture

**Supervsion:**

- 1- Participating in M.Sc. and Ph. D. Thesis in the field of pharmaceutical medicinal chemistry, 6 of them are finished and 1 is under investigation.

**First M. Sc. Thesis:**

- 1- Synthesis and investigation of 3(5)-acetamido and 3(5)-nitro-1,2,4-triazole-5(3)-carboxyl acid

**Supervisors:**

Prof. Dr. Adel F. Youssef, Dr. Hoda Y. Hassan and Dr . Gamal S . Alkaramany

- 2- 1,2-Dihydroisoquinoline as a new carrier for specific delivery of drugs to the brain

**Supervisors:**

Prof. Dr. Hassan H. Farag, Dr. Nawal A. El-Koussi, and Dr. Gamal S. Alkaramany

**3- Synthesis and three – dimensional qualitative structure selectivity relationship of -2,4- thiazoldinedione derivative as cox2 inhibitors**

DrGamal E. Saber , Prof Dr Nadia A .Mahfouz , Mahmoud A El Gendy , Awwad A Radwan And Mohamed A El Hamid.

**Second Ph. D. thesis:**

- 1-Small sized peptides containing (Apns) residueas HIV-1protease inhibitors

**Supervisors:**

Prof. Dr. Adel F. Youssef, Dr. Nawal A. El-Koussi, Dr. Gamal S. Alkaramany, and Prof. Dr. Yoshiaki Kiso.



**Conferences:**

- 1- The 23<sup>rd</sup> Egyptian Pharmaceutical Conference of Pharmaceutical Sciences, Cairo, E 1992.
- 2- The 24<sup>th</sup> Egyptian Pharmaceutical Conference of Pharmaceutical Sciences, Cairo, E 1994.
- 3- The Conference of Pharmaceutical Sciences, Al-Azhar University, Cairo, Egypt, 1995
- 4- The First Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut Unive Assiut, 1998.
- 5- The Second Conference of Woman in Search and Development in South Egypt, Assiut, I 1998.
- 6- The Second Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut Unive Assiut, 2000.
- 7- The Third Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut Unive Assiut, 2002.
- 8- The 28<sup>th</sup> Egyptian Pharmaceutical conference of pharmaceutical Sciences, Cairo, E 2002.
- 9- The Fourth Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut Unive Assiut, 2004.
- 10- The 29<sup>th</sup> Egyptian Pharmaceutical Conference of pharmaceutical Sciences, Cairo, E 2004 .
- 11-The Fifth Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut Unive Assiut, 2006.
- 12-The German-Egyptian Conference for Medical Plants, Assiut, Egypt, 1995

**Teaching:**

- 1- Sharing in teaching and editing the books of pharmaceutical medicinal chemistry for graduate students, Assiut University
- 2- Sharing in teaching of general and special courses for post graduate students.
- 3- Sharing in teaching for graduate students in El-Minia University and Al-Azhar University

**No. of Publications: 3**

