C.V.

(Sept 2024)

E Prof. ADEL FAWZY YOUSSEF MOHIEL-DEEN PhD

PERSONAL DATA

Name: Adel Fawzy Youssef Mohiel-Deen

Occupation: Emeritus Professor of Medicinal Chemistry, Assiut University,EGYPT

Birth date / place: July 4, 1936 / Cairo,Egypt.

Nationality: Egyptian.

Religion : Mouslem.

Marital Status: Married, three children.

Adress (Office): Faculty of Pharmacy ,Assiut University, Assiut 71526, Egypt.
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adelfawzyyoussef@yahoo.com

EDUCATION

***** Bachelor's degree of Pharmacy and Pharmaceutical Chemistry, Alexandria University,June 1956.

***** PhD 1965, Thesis theme of reactions of carbon suboxide as malonylating agent of 2-amino hetroaromatc rings under supervision of Dushkevish L.B. Associte Professor organic

chemistry, Leningrad Chemical Pharmaceutical Institute, Leningrad, USSR.[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

***** Diploma Engineer in Chimestry and Technology Honours degree from Leningrad Chemical maceutical Institute, Leningrad, USSR 1965.[The gographical names and administrative terms relating to the former USSR are those that were in use at the time the study was being carried out].

***** Certificate of training in the field of microanalysis of pharmaceutical products Ministy of Foreign Affaires,Cooperation Technique, French Republic. Post Doc scholarship theme of GC analysis of pharmaceutical steroidal hormone preparations.1971-1972

***** Awarding medal from the Egyptian Pharmaceutical Society 1982.

***** Certifacate from El-Fateh University,Faculty of Pharmacy,Tripoly, Libya 1985.

***** Certificate of "The first training course on Environmental Pollution Health Problems, Diagnosis,Prevention and Treatment", held in Assiut Faculty of Medicine, May 18-23, 1996.

SPOKEN FOREIGN LANGUAGES

English, Russian and French.

PROFESSIONAL EXPERIENCE

***** Consultant of the Chemistry Department engaged in the synthesis of small molecules of medicinal compounds. Misr Co.Pharmaceutical Industry S.A.A., Cairo; 1970-1971.

***** Visiting Professor at EL-Khartoum University, Rpublic of Soudan; September -November 1980.

***** Visiting Professor at the Faculty of Pharmacy, El-Fateh University, Tripoly, Libya; Oct 1983 - July 1985.

***** External Examiner at the Faculty of Pharmacy, Al- Arab Medical University, Bengazi, Libya;May 23-29,1993.

***** Visiting Professor at the Faculty of Medicine and Health Sciences, Pharmay Department,Sanaa, Republic of Yemen; Nov 1993 – Feb 1994.

***** Visiting Professor at the Faculty of Pharmacy, Applied Sience University, HKJ Amman, 1996-2002.

***** Consultant of the Project " Design and Synthesis of Combinatorial Library of Some Schiff Bases of Indolin-2,3-Dione With Potential Antitubercular Activity.

Project # 08-MED598-2 **PI** : Tarek Aboul-Fadl PhD, KACST [King Abdel-Aziz City for Science and Technology]

***** Member of Assembly of Experts (Sience Park), Misr University of Science and Technology Park (MUSTP)6th of Otober, 2007-2019.

CAREER

***** Retail pharmacist, June 1956-June 1957.

***** Pharmaceutical industry,Department of sterile preparations, Misr Co.for Pharmaceutical Ind. S.A.A.,Cairo,Egypt. July 1957-March 1960.

***** Academia, Government mission to USSR to the study of PhD degree. March 1960 – Feb 1966.

***** Teaching assistant, Faculty of Pharmacy , Assiut University,Egypt.

***** Lecturer, ibid, March 1966- Jan. 1971.

***** Consultant of the chemistry department Misr Co.for Pharmaceutical Ind. S.A.A.,Cairo,Egypt. 1970-1971.

***** Associate Professor, Faculty of Pharmacy , Assiut University,Egypt. Jan 1971-Jan1976.

***** Professor of pharmaceutical chemistry,ibid, Jan 1976-1996. Emeritus Prof. Of Pharm.Chem. from 1996 till present.

***** Head of the department of Pharm. Chem. Faculty of Pharmacy , Assiut University,Egypt., about 9 years.

***** Vice Dean for higher studies and research, Faculty of Pharmacy, Assiut University, Aug 1976- Dec 1979.

***** Dean Faculty of Pharmacy, Assiut University, Dec 1979- Sept1983.

MEMBERSHIP OF SOCITIES AND COMMITTEES

***** Member of the American Chemical Society devision of Medicinal Chemistry)since 2005 till present.

***** Egyptian Syndicate of Pharmacists since June 1956.

***** Egyptian Pharmaceutical Society since 1966 till present.

***** Board member of the Egyptian Pharm.Soc.1978.

***** Board member of the Faculty of Pharmacy, Assiut University.

***** Council of Continuing Eductation for Pharmacists,ibid,1980-1983;1985-1989.

***** Supreme Committee of Universities(sector of Pharmaceutical education)1979-1983.

***** Suprime Committee of Universities (Committee of B.Pharm.Chem.Exams) 1985-1994.

***** Committee of Chemistry for promotion of Associate Professors, 1978-1983.

***** Committee of Pharmaceutical Chemistry for promotion of Associate Professors and Professors, 1989-1994 and after.

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

***** Committee of Revision and Development of Prospectus of Fac. Of Pharm., Assiut University, 1986-1989.

***** Board member of Staff Members Club, Assiut University,1989-1993.

POST DOC STINTS, SHORT VISITS AND CONFRENCES

***** "Faculte de Pharmacy Industeriell" Dept. of Applied Chem.for Valuation, Montpellier, France, July 1971- Aug 1972. Lab guided by Prof. Mestres.

***** International Conference of Pharmaceutical Education, Massachussets College of Pharmacy, Boston, USA, July 17-20, 1980.

* Annual Meeting of AACP Conf. Boston,USA, July 20-24, 1980.

***** Workshop of Pharmacokinetics, Guided by Prof Garett of Florida University, USA and Sponsored By the Regional Bureau of WHO, Assiut, Egypt 1982.

***** Short visit to Prof Dr G. Blaschke of the Institute of Pharm. Chem. Munister,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

* Lecturer of Organic and Medicinal Chemistry courses for UG and PG students.

* Main supervisor of more than twenty five Master and PhD theses. Degree awarded candidates belong to Faculties of Pharmacy at Assiut University , Al-Azhar (Assiut Branch), Misr University of Science and Technology (6th Oct City),and the Egyptian Academy of Science scholarschip.
* More than sixty publications in specialized local and foreign international periodicals and confrences.
* Member of Board of Referees of more than fifty Master and PhD theses in the fields of Pharm. Chem. and Org. Chem. candidates belonging to Faculties of Pharmacy in Egypt, Syria, Lybia, Iraq and India (University of Pune).
* Contributor of peer reviewed reports for journals: Bull. Pharm. Sci. Assiut University , Chemical Biology & Drug Design , Archiv der Pharmazie, Journal of Baghdad for Science, American Journal of Advanced Drug Delivery, Horizon Research Publishing USA (HRPUB), and RSC Medicinal Chemistry.
* Conference of " Status of Education in Egypt, Problems and Solutions" Staff Members Club, Assiut Universiy, Assiut, 1990, Oct. 14-16.
* Symposium on "Enhancement of Research Efficiency of Assistant Lecturers and Teaching Assistants" Staff Members Club Assiut Universiy, Assiut, 1991 Feb. 23-28.

Biography of Prof Adel F.Youssef PhD

Adel F. Youssef was born in Cairo 1936, finished primary and secondry schools at Faiyum Governorate 1952 and holding a Bachelor degree of Pharmacy and Pharmaceutical Chemistry in 1956 from Faculty of Pharmacy, Alexandria University, Egypt. After graduation he warked as community pharmacist and then shifted interest to pharmaceutical industry for more than two years. At 1960 Adel F. Youssef wined the scholarship offered by the Egyptian Ministry of High Education to study the PhD degree in Leningrad Chem Pharm Institute, Leningrad USSR. From the beginning he rgisterd a joint program ended at 1965. He gained the Diploma of Engineer in Chimestry and Technology honours degree and defended the PhD thesis theme about new root for synthesis of thiazolo[b-2,1] pyrimidines from the reactions of carbonsuboxide with aromatic 2-aminoheterocyclic compounds under the supervision of Associate Prof. of organic chemistry Leonid B. Dushkevich. After return to home he joined at 1970 the Pharmaceutical indusry as cosultant of the chemistry department engaged in the synthesis of small molecules at Misr Co.Pharmaceutical Industry S.A.A., Cairo. Experience in qualitative and quantitative chromatographic techniques was acquired via the GC analysis of parentral dosage forms of steroidal hormones carried out through

the postdoctoral scholarship research 1971-2 in the Department of Applied Chemistry for Valuation and Expertise undr guidance of Prof R. Mestres at "Faculte de Pharmacie Industerielle, Montpellier" France. During his carer he joined the program of "Associated Supevision" of Egyptian PhD students. The dual concept to get mutual cooperation betwee national and international professors to supervise PG Egyptian scolars seemed atractive. In effect sciantific cooperation with eminent scientists leading different schools in medicinal chemistry Like Prof G. Blaschke of the Institute of Pharm. Chem. Munister, Dr Takeo Kawaguchi of Faculty of Pharmaceutical Sciences, Josai University, Prof. Yoshiaki Kiso of Kyoto Pharmaceutical University and Prof Frederik A. Luzzio Department of Chemistry University of Louisville was very productive experice and achieved most of the planed goals.

Adel F. started his career in academia at Faculty of Pharmacy Assiut University as TA. At present he is E Prof of Medicinal Chemistry in the same place. In 2007 he linked the Science Park of Misr-University of Science and Technology (MUSTP; in 6th of October City) undr the leadership of Prof M.A. Elmeleigy. Along nonstop research interest, he was the main supervisor of several Master and PhD candidates and contributor to more than sixty five publicions in the fields

of medicinal chemistry and pharmaceutical analysis.

Research of central interest is the synthesis of heterocyclic motifes and optimization of the physical properties of the new hits keeping eyes on anticipated AI role in drug discovery. Current research is focusing on development of functionalized anticancer probes using CADD. Conact with Prof Adel F.Youssef always welcomed through email adelfawzy@aun.edu.eg

ATTACHEMENTS

1-SUPERVISOR OF MASTER DEGREE, ASSIUT UNIVERSITY (Date OF APPROVAL)

1974- **Samiha A. Hussein.**
Synthesis of Certain Naphthaline Derivatives as Potential Local Anaesthetics.

1977- **Hoda Y. Hassan.**
Synthesis of New Pyridyl Acrilic Acid Derivatives Of Potential Antiprotozoal Activity.

1980- **Nagih A. Abou-Taleb.**
Synthesis of Certain Imidazopyridine Derivatives of Potential Antibacterial Properties.

1982- **Horria A. Mohamed.**
Synthesis of N-(Substituted benzenesulphonyl)-2-methyl-3-nitropyridine-6- carboxaldehyde hydrazones of Expected Biological Activity.

1985- **Zinab S. Farghaly**

Synthesis and Chelating Properties of -4- Substituted thiosemicarbazones of Potential Biological Activity.

1989- **Tarek A. Mohamed.**
Synthesis and Chelating Properties of Pyrazole Derivatives of Potential Antiinflammatory Properties.

1990- **Mahmoud M. Sheha.**
Synthesis and Chelating Properties of Oxazole Derivatives of Potential Antiinflammatory Properties.

1990- **Hana M. Abdel-Wadood.**
Spectrophotometric Analysis of Phenothiazines.

1995- **Atef A. Abdel-Hafez**
Synthesis of 1,2,4-Triazole Derivatives.

1995- **Hamdy M. Mohamed**
Synthesis of 1,2,4-Triazole Derivatives.

1998- **Gamal A. Abo-Rahma**
Synthesis of some N2-substituted nalidixic acid derivatives as potential antidepressants.

2006– **Mohamad Mahmood Ibrahem Al-Sanea**
Studies of Human Intestinal Bacterial Metabolites of Prednisone

2007– **Wesam Saber Abdel-Aal**
Design, Synthesis and Antitubercular Evaluation of Small Schiff Base Combinatorial Library

2013- **Nehad Eldaidamony** (Al-Azhar University, Faculty of Pharmacy – Girl Branch Cairo)
1-(*m*- and *p*-substitutedphenyl)-4- (norethyndrone, levonorgestrel)- 1,2,3- triazoles as progestational agents.

2014- **Zein Hassep Mohamed Ahmed**
1-(*o-,m-and p-* Substitutedphenyl)- 4- Norethindrone- 1,2,3- triazoles as progestational agents.

2018- Gehan Ahmad Abdel-hafez

Spectroscopic detection of nove 9-acridinyl and 1-coumarinyl-1,2,3-triazole derivatives of potential anticancer ctivity

2018- Hossam. M. Abdel-Aziz

Design and synthesis of certain anthranilic acid amide dimers and their cyclized drivatives 4H-Benzo[d][1,3]oxazine-4-one as HIV-1 NNRT Inhibitors.

2022-(Registration)- Aalaa Fathy Bakr

Design , Synthesis and Investigation of 2-Oxoindolin-3-ylidene Drivatives with Potential Biological Activities.

2023(Registration)- Fatma Al-zahraa Ahmed Abdel-wadoud

Design, Synthesis And Investigation of New Benzothiazole Based Derivatives with Potential Biological Activity.

2-SUPERVISOR OF PhD DEGREE, ASSIUT UNIVERSITY. (Date OF Approval)

1983- **Hoda Y. Hassan.**

Synthesis of Nitropyridine Derivatives as Active Agents Againest Certain Microbes and Parasites.

1985- **Abdel-Maboud I. Mohamed.**

Spectrophotometric Analysis of Biologically Active Phenothiazines.

1992- **Zinab S. Farghaly.**

Synthesis and Elucidation of Stucture of the Main Metabolites of Praziquantel Used as Antischistosomal Drug in Egypt. An associated supervision program with Prof. Dr. G. Blaschke of the Institute of Pharm. Chem. Munister,Federal Germany.

1994- **Tarek A. Mohamed.**

Synthesis and investigation of N4-substituted Cytrabine (Ara-C) derivatives as prodrugs. An associated supervision program with Dr.T. Kawaguchi, Josai Univ.Sakado, Japan.

1996- **Mahmoud M. Sheha.**

HIV Protease Inhibitors: Synthesis and SAR of Allophenylnorstatine Containing Transition-State Analogues. An associated supervision program with Prof.Yoshiaki Kiso of Kyoto Pharmaceutical University, Yamashina-Ku, Kyoto, Japan.

1999- **Hamdy M. Mohamed**

HIV Protease Inhibitors. An associated supervision program with Prof. Yoshiaki Kiso of Kyoto Pharmaceutical University, Yamashina-Ku, Kyoto, Japan.

2008- **Salah Abdel-Muttalib Abdel-Aziz** (Al-Azhar University , Faculty of Pharmacy-Assiut Branch). Synthesis of Substituted Dihydropyrimidine as Hypotensive Agents.

2016 - **Wesam Saber Abd-Elaal Qayed**

Design, Synthesis and Investigation of 2-oxoindolin-3-ylidene Derivatives with Potential Biological Activities. An associated supervision program with Prof Frederik A. Luzzio Department of Chemistry University of Louisville, Kentuky,40292.

2020(registration)- Gehan Ahmad Abdel-hafez

Design and synthesis of novel molecules targeting cell cycle CDK with potential anticancer activity.

3- PUBLICATIONS

1) Some Chemical Properties of Dioxotetrahydropyremido-thiazolines.
Abstracts of the Congress of the Chemistry of Dicarbonyl *Compounds,Riga, USSR, 1966, pp. 44,45.*

2) Synthesis of Certain New Salicylsulfonylurea Derivatives.
Acta Chemica Academica Sientiarum Hungaricae, 69(1), 81-86 (1971).

3) Synthesis and Local Anesthetic Activity of Certain Piperazine Derivatives.
J. Med. Chem., 14, 443-445 (1971).

4) Synthesis and Local Anesthetic Activity of Certain Piperazine and Ephedrine Derivatives .Part II.
U.A.R. J.Pharm.Sci., 12, 277-284 (1971).

5) Identification of Some Compounds Isolated During the Preparation of Certain N-aryl-9-aminoacridines.
Egypt J. Pharm. Sci., 13, 177-185 (1972).

6) Synthesis of Certain N-aryl-9-aminoacridine Derivatives.
Egypt J. Pharm. Sci., 13, 187-194 (1972).

7) Controle D'une Solusion Huileuse Injectable De Quatre Esters De la Testosterone par Chromatographie Gazeuse.
Trav. Soc. Pharm. Montpellier, 32, 331-342 (1972).

8) Controle D'une Solusion Huileuse De Progesterone et De Propionate De Testosterone par Chromatographie Gazeuse.
Trav. Soc. Pharm. Montpellier, 32, 343-350 (1972).

9) Controle par Chromatographie Gazeuse De Solusion Huileuse et De Suppositoires a Base De Progesterone, Oenanthate De Testosterone et D'esters D'oestradiol.

Trav. Soc. Pharm. Montpellier, 33, 35-46 (1973).

10) A Colorimetric Method for the Estimation of Antazoline.
Indian J. Pharm., 36, 73-75 (1974).

11) Synthesis of Certain Naphthaline Derivatives of Potential Local Anesthetic Activity.
Abstract of 4th Arab Chemical Congress, Cairo, 1975, p.131.

12) Borohydride Reduction of Benzodiazepinium Salts.
Arch. Pharm. Chem., Sci. Ed., 3, 89-95 (1975).

13) Structure and Biological Activity of a New Tetrahydro-benzodiazepine Congener .
Canadian J. Pharm. Sci., 11, 89-92 (1976).

14) Unsymmetrical N,N- disubstitutedanilines. Synthesis of N-(methylanilino)Acetamides.
Indian J. Chem.,1 4 B, 279-281 (1976).

15) Synthesis and Spectroscopic Study of Some 3-Nitro-pyridines.
Indian J. Chem., 15 B, 190-191 (1977).

16) Dihydralazine Sulfate Analysis Using 2-Methyl-3-Nitro-pyridine-6-Carboxaldehyde.
J. Pharm. Sci., 66, 116-118 (1977).

17) Synthesis and Antiparasitic Activity of Certain 2-Imino--3-(N-arylcarbamoyl) methyl-2,3,4,5-tetrahydrothiazoles.
J. Pharm. Sci., 66, 423-425 (1977).

18) Synthesis and Antibacterial Screening of 2-(Arylidene) hydrazino-4-phenylthiazole Derivatives.
Abstracts of the 5th Congress of Arab Pharmacists Union, Kuwait, 1976, pp. 60-61.
Egypt J. Pharm. Sci., 19, 247-252 (1978).

19) Antiinfective Nitroheterocycles III. Esters of N-(2-methyl3-nitro-6-pyridyl) Carbamic Acid.
Abstracts of the 6th Congress of Arab Pharmacists Union, Tunis, 1978, p. 56.

20) Analysis of Isoniazid Using 2-Methyl-3-Nitropyridine-6--Carboxaldehyde.
International J. of Pharmacy, 2, 257-264 (1979).

21) Study of Certain 1,5-Benzodiazepines as Acid-Base Indicators.
Analyst 105, 165 (1980).

22) Chelating Properties and Antidotal Activity of 4--Glyoxalyl-bis(thiosemicarbazone)Phenoxyacetic Acid Against Cu(II), and Hg(II).
XVI th Conf. Pharm. Sci., Cairo, 1980, p. 70.

23) Synthesis and Biological Activity of 2-Methyl-3-Nitro-pyridine Derivatives.
Egypt J. Pharm. Sci.,22, 207-221 (1981).

24) Antibacterial Properties and SAR of 3- 6-bromo-2-imidazo(4,5-b)pyridinyl Propionic Acid Derivatives.
Egypt J. Pharm. Sci., 23, 131-139 (1983).

25) New Reagents for Detection of Phenothiazine Drugs on Thin Layer Plates.

Bull. Pharm. Sci., Assiut University, 8(1), 144-155 (1985).

26) Selective Spectrophotometric Determination of Promethazine Hydrochloride and Thiethylperazine Maleate in Pharmaceutical Preparations.
Bull. Pharm. Sci., Assiut University, 8(2), 70-87 (1985).

27) Colorimetric Determination of Certain Phenothiazine Drugs by Using Morpholine and Iodine- Potassium Iodide Reagents.
J. ASSOC. OFF. ANAL. CHEM., 69, 513-518 (1986).

28) Colorimetric Determination of C-2 Unsubstituted Pheno-thiazines Using Morpholine and N-Bromosuccinimide.
J. ASSOC. OFF. ANAL. CHEM.,69, 821-824 (1986).

29) Colorimetric Determination of Phenothiazine Drugs,3. Correlation Between Molar Absorptivity and Certain Phesico-Chemical Parameters of Ring Substituents.
Bull. Pharm. Sci. Assiut University, 9(1), 137-148 (1986).

30) Colorimetric Determination of Phenothiazine Drugs,4. Correlation Between Molar Absorptivity and F, R and X Parameters of Ring Substituents.
Bull. Pharm. Sci. Assiut University, 10(2), 21-33 (1987).

31) Quantitative Molar Absorptivity-Structure Relationships of Certain Catecholamines.
Bull. Pharm. Sci. Assiut University, 11(2), 235-247 (1988).

32) Synthesis of Chelating Pyrazole Derivatives With Potential Biological Activity.

Bull. Pharm. Sci. Assiut University, 13(2), 145-158 (1990).

33) Sulphonamide Diuretics-Colorimetric Determination and Correlation of A(1%,1 cm)with Certain Physical Parameters.
Bull. Fac. Sci.B Chem., Assiut University,21(1),53-67(1992).

34) ^{1}HNMR OF PYRAZOLES : Effect of Interaction Of Carbamoyl Group With Adjacent Centers On The Chemical Shifts Of Concerned Protons.
Bull. Pharm. Sci. ,Assiut University,15,100 -105 (1992).

35) ^{1}HNR and Chelating Properties of 1,5-dimethyl-N-substituted-1H-pyrazole-3-carboxamides and 1,3-dimethyl-N-substituted-1H-pyrazole-5-carboxamides.
Pharmazie ,48(2),117-120 (1993).

36) Synthesis of Chelating Oxazole Drivatives with Potential Biological Activity.
Egypt J. Pharm. Sci., 34, 711-730 (1993).

37) SAR of HIV Protease Inhibitors: P2 and P3 Structural Requirements.
Peptide Chemistry 1994, Protein Research Foundations, Osaka (1995), 349-352.

38) Synthesis and investigation of N4-substituted cytarabine derivatives as prodrugs.
Pharmazie 50 (H6), 382-387 (1995).

39) Steric parameters in PLE catalyzed hydrolysis of N4-substituted cytarabine ester prodrugs.

Pharmazie,51, 717-719 (1996).

40) Synthesis and investigation of certain 3(5)-substituted-1,2,4-triazole-5(3)-carboxilic acid derivatives.
Bull. Pharm. Sci. Assiut Univ.,20(1),47-61(1997).

41) Design, synthesis and antidepressent activty of some N2-substituted nalidixic acid hydrazides and their cyclized analogues.
Bull.Pharm.Sci. Assiut Univ., 21(1),15-26(1998).

42) Synthesis of some N^2-substituted hydrazides of 6-bromonalidixic acid as potentiail antidepressant.
Assiut University 1 st. Pharmaceutical Science Conference Faculity of Pharmacy, Assiut, March 4-5, 1998.Proceedings pp.20-34.

43) Synthesis and QSAR of allophenylnorstatine dipeptides containing α -keto acids at P2 as HIV-1 Protease inhibitors.
Assiut University 1 st. Pharmaceutical Science Conference,Faculty of Pharmacy, Assiut, March, 4-5,1998.

44) Synthesis of di– and tripeptide analogues containing α-Ketoamide as a new core structure for inhibition of HIV-1 protease.
Eur. J. Med. Chem. 35 (2000) 887-894 .

45) HIV Protease Inhibitors: Peptidomimetic Drugs and Future Perspectives.
Current Medicinal Chemistry,9,1905-1922(2002).

46) A Novel Dipeptide-based HIV Protease Inhibitors Containing Allophenylnorstatine.
Arch.Pharm.Pharm.Med.Chem. 337, 587-598(2004).

47) Allophenylnorstatine- Containing HIV protease Inhibitors: Design Synthesis and Structure-Activity Realationships for Selected P_2 Ligands.
Bull.Pharm. Sci. Assiut University, 28(1),95-103(2005).

48) Synthesis Of Substituted Dihydropyrimidines Of Potential Biological Activities.
Assiut University 5th Pharmaceutical Sciences Conference, Assiut, Egypt, 7- 8 March 2006, Abstracts p.70.

49) Design Synthesis and Antitubercular Evaluation of Small Shiff Base Combinatorial Library.
Presented at the 7th International Saudi Pharmaceutical Conference, Alfisaliah Hotel, Riyadh,19-27 March 2007.

50) Biotransformation Studies of Prednisone Using Human Intestinal Bacteria; Part I: Aerobic Incubation
Bull.Pharm.Sci. Assiut Univ.,31(2),2008, pp.215-228.

51) Biotransformation studies of prednisone using human intestinal bacteria Part II: Anaerobic incubation and docking studies.
Journal of Enzyme Inhibition and Medicinal Chemisry,2009, 24,1211-1219.

52) Solution-Phase Synthesis of Small Shiff Bases Combinatorial Library with Potential Antitubercular Activity.
Der Pharma Chemica,2009,1(2), 1-13.

53) Pharmacophoric model building for antitubercular activity of the individual Schiff bases of small combinatorial library.
European Journal of Medicinal Chemistry 2010, 45, 1098-1106.

54) Synthesis of Substituted Dihydropyremidines As Hypotensive Agents.
Bulletin Of Pharmaceutical Sciences, Assiut University 2011, 34(2),pp. 159-179.

55) Efficient Shiff Bases Of Indoline-2,3-dione(Isatin) Derivatives Againest Single Resistant Strains Of Mycobacterim Tuberculoses.
246 th American Chemical Society National Meeting & Exposition. Indianopolis, IN. September 8-12, 2013. MEDI-245

56) Synthesis and biological evaluation of steroidal azole derivatives as potential progestational agents.
Poster presented atAssiut University 8th International Pharmaceutical Science Conference Assiut University on 14th & 15th March 2012.

57)Synthesis Of Novel Steroidal 17α-Triazolyl Derivatives Via Cu(I)-Catalyzed Azide-Alkyne Cycloaddition And Their Evaluation As Potential Progestational Agents.
Int. J. Pharm. Med. & Bio. Sc. 2014; 3(3) pp 58-78.

58) Cu (I) catalyzed alkyne-azide 1,3-dipolar cycloaddition (CuAAC): Synthesis of 17α-[1-(substituted phenyl)-1,2,3-triazol-4-yl]-19-nor- testosterone-17β-yl acetates targeting progestational and antiproliferative activities.
European Journal of Medicinal Chemistry Volume 97, 5 June 2015, Pages 75-82.

59) "Lipases-catalyzed enantioselective kinetic resolution of alcohols"
Journal of Chemical and Pharmaceutical Research, 2015, 7(5):311-322. CODEN(USA): JCPRC5

60) Annonaceous Acetogenins As A New Anticancer Agent
Der Pharma Chemica, 2015, 7(6):24-35.
Available online at www.derpharmachemica.com

61) Schiff bases of indoline-2,3-dione (isatin) derivatives as efficient agents against resistant strains of Mycobacterium tuberculosis.
Der Pharma Chemica, 2015, 7(8):217-225; www.Available online at derpharmachemica.com.

62) Spectroscopic detection of novel 9-acridinyl and 1-coumarinyl-1,2,3-triazole derivatives of potential anticancer activity.
11th international pharmaceutical sciences conference, assiut university, april 2018.

63) Synthesis, Computational Study and Biological Evaluation of 9-Acridinyl and 1- Coumarinyl- 1,2,3-Triazole-4-yl derivatives as Topoisomerase II Inhibitors.
Journal of Enzyme Inhibition and Medicinal Chemistry 2022,37(1),502-513

64) Development and Validation of High Performance Thin-Layer Chromatography densitometric Method for the Simultaneous Determination of Novel 1- Acridinyl- 1,2,3-Triazole Dervatives.
Journal of Planar Chromatography- Modern TLC, 2022, 35(4),349-362.

65) Synthesis, Molecular Modeling Study, and Biological Evaluation of N-Acyl-Anthranoylanthranilic Acid Derivatives and Their Cyclized Benzoxazinones as Novel Hiv-1 Nonnucleoside Reverse Transcriptase Inhibitors. *Bulletin Of Pharmaceutical Sciences, Assiut University, 45, 1, 2022, pp 1-22.*
