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Prof. Dr. Magdy Abdel-hamid Zahran

1.1. Personal details

Surname	Zahran				
Other Names	Magdy Abdel-hamid				
Title	Professor in organic chemistry				
Gender	male (married)				
Address	Faculty of science-Menoufiya University-Shebien Elkom-Egypt				
Post Code				Mobile	+2 01007208275
Telephone number	24198896			e-mail	magdyzahran@gmail.com
Birth date	Day 3	Mo 9	Yr 1953	Place of birth	Menoufiya-Egypt

1.2. Education

Faculty, University	Degree	Date
Mathematics-Natural Scientific Faculty of the Rhenish-Friedrich-WilhelmsUniversity /Boon/West, Germany.	Ph.D. degree in Organic Chemistry with the predicate very good for the dissertation.	1982-1986
Faculty of Science, Menoufiya University, Egypt.	M.Sc. degree in Organic Chemistry The thesis entitled: "Reactions with 2- Methyl and 2-Steryl Chromones and their Thio-Derivatives.	1978-1980
Faculty of Ain Shams University, Cairo, Egypt.	The post-graduate courses (the partial fulfillment of the degree) attended for one year.	1975-1975
Faculty of Science, Ain Shams University, Cairo, Egypt.	B.Sc. degree in Chemistry with the predicate very good.	1970-1974

1.3. Training

Training	Place	Date
Importance of essential amino acids for human been cell.	Cairo Univ. biochemistry Dep.	May, 2007
The effect of insecticides and pesticides on the soil enzyme activity	Water research institute	Jan, 2006
Recycling of solid wastes	Ministry of environment	September, 2005
Water treatment in beverages industry	Pepsi Cola company-Nasr city	Jan, 2004
Spectroscopic applications	Training Center of NRC, Cairo, Egypt.	March, 2003

PCR applications	Odense Univ. Denmark	June, 2002
Polyaromatic hydrocarbons and their chelation capability toward DNA	Faculty of medicine Menoufiya Univ.	December, 2001
HPLC applications	Training Center of NRC, Cairo, Egypt.	August, 2000
Workshop on chemistry on nucleoside and nucleotide	Ain shams Univ.	June, 1999
International computer deriving license	Berlin-Germany	March 1998

1.4. Employment History

Employer	Position	Date
Chemistry department, Faculty of Science, Menoufiya University, Egypt.	Prof. in Organic chemistry	2009 up to date
Chemistry department, Faculty of Science, Menoufiya University, Egypt.	Associated Prof. in Organic chemistry	1995-2009
Chemistry department, Faculty of Science, Menoufiya University, Egypt.	Lecturer in Organic chemistry	1986-1995
Chemistry department, Faculty of Science, Menoufiya University, Egypt.	Assistant Lecturer in organic chemistry	1980-1986
Chemistry department, Faculty of Science, Menoufiya University, Egypt.	Demonstrator in Menoufiya University	1978-1980
Helwan University, Helwan, Cairo, Egypt.	Demonstrator in Helwan University	1976-1978

1.5. Membership of professional association

Membership	Year
Principle investigator for the Research Team work in the Menoufiya University, faculty of science for synthesis and designing new Thalidomide dithiocarbamate analogs with other researcher partners from: a) Genetic Engineering and Biotechnology Institute, Sadat city, b) Faculty of Medicine c) National Research Centre in Cairo (Cancer laboratory)	2008 till now
Member in the Union for marble and granite manufacturing (participate in the recycling project for marble waste as well as Granite)	2006-2009
Consultant for Misr Glass Company in mostorod / Qalyoubia Governorate for developing, control and recycling of the exhausted CO ₂ gas from the glass Kilns	2004-2006

Member of the Higher Consultant Committee upon the design of Menoufiya Governor	2003-2005
Consultant for Menoufiya Governor for paraphrasing the laws of secure and health care of labors which exposed to a hazardous chemicals in the industrial cities in Menoufiya Governorate [El-Sadat city & Mubarak city]	2002-2004
Member in the Environmental pollution committee as a consultant to investigate and solve the chemical pollution problems in the industrial cities [El-Sadat city & Mubarak city]	2002-2003

1.6. Fields of interests

- 1- Participation and supervision on many thesis and manuscripts in Faculty of Science, Menoufiya University alone or cooperated with the National Research Center and the Arab company for drugs.
- 2- Member in the research team of the DANIDA project for finding out a new drug for AIDS and Hepatitis B in the Faculty of Science, Menoufiya University.
- 3- Member in the research team of the Academy for Scientific research and Technology to study the Indirect Electrochemical Synthesis of some Heterocyclic compounds with expected biological Activity using nickel-hydroxide electrode.
- 4- Consultant for several industrial corporations (Nasedeco for detergent al-Sadat city) (Misr glass in mostorod and the national company for painting).

1.7. PUBLICATIONS

1. Liebigs Ann. Chem., 186, (1984). Reactions with 2-Methyl and 2-Styryl-4-thiochromones. I. Zeid, H. Abdel-Bary, S. Yassin and **M. Zahran.**
2. Synthesis, 876, (1987). Dihalogenetriphenylphosphoranes in Heterocyclic Synthesis; A Simple One-Pot-Procedure for the Generation of Nitrilimines with the Aid of Dihalogenetriphenylphosphoranes: 1,3-Dipolar Cycloaddition and Electrocyclization. H. Wamhoff and **M. Zahran.**
3. Advances in Heterocyclic Chemistry, 55, 128-259, (1993). {Unpublished Part of the Ph.D. of M.A. Zahran 1986, Bonn University. Page 190-195 in this chapter} - Uracils: Versatile Starting Material in Heterocyclic Synthesis. H. Wamhoff, J.Dzenis and K. Hirota.
4. J. Agric. Food Chem., 36, 205, (1988). Photochemistry of Pesticides; Photodegradation of 2,4,5-Trihaloimidazole in the presence of Singlet oxygen. H. Wamhoff, M.W. Abdou and **M.A. Zahran.**
5. Sci. J. Fac. Sci. Menoufia Univ., 7, 61, (1993). Synthesis of 5-Bromo-2-methylthio-2',3'-Didehydro-2'3'-didoxyridine and 5-Bromoisocytidine Derivatives. **M.A. Zahran.**
6. The Egyptian chemical society (9th Arab chemical conference) 3rd Egyptian Chemical Conference. (1993). Synthesis and Reactions of 2,3-Dihydro-5H, 6H-6-Arylhydrazono Indenol{1,2d} Thiazolo{3,2-

a) Pyrimidin-3-Ones of expected biological Activity. A.G. Hammam; **M.A. Zahran**, K.M. Hassan and F.A. El-Hagg.

7. Sci. J. Fac. Sci. Menoufiya Univ., 8, 33-47 (1994). Synthesis of some fused Pyrimidine Derivatives with expected biological activity. A.H.Abdel-Aleem, **M.A. Zahran** and H. Marouf.

8. Bull. Chem. Soc. Jpn., 67, 1390 (1994). Electrooxidation of 1,3-dimethylbarbituric acid at graphite anode and nickel hydroxine electrode. M. Abdel Azzem, **M. Zahran** and E. Hagagg.

9. Bull. Chem. Soc. Jpn., 67, 1880 (1994). Electroorganic synthesis of 5-choloro and 5-azido Pyrazole-5-carboxylic acid at nickel hydroxide electrode. M. Abdel Azzem, **M. Zahran**.

10. Afinidad, 460, 415 (1995). Synthesis of some Pyrimidines and their Benzo Derivatives via 6p-Electron Cyclization Reactions. **M.A. Zahran**, H.M. Abdel-Bary and A.A.A. Nassar.

11. Monatshefte fur Chemie, 126, 1271 (1995). Synthesis and Reactions of 2'-Deoxy-β-D-ribofuranosyl Derivatives of 3-Aryl-4H-pyrido{2,3-d}pyrimidine-4-imines. **M.A. Zahran**, E.B. Pedersen and C. Nielsen.

12. Heterocycles, 41, 2507, (1995). Synthesis of Alkylthio Analogue of AZT and their activity against HIV-1. **M.A. Zahran**, A.E.-S. Abdel-Mageid, A.A.-H. Abdel-Rahman, A. El-Emam, E.B. Pedersen and C. Nielsen.

13. Synthesis, 237, (1996). Synthesis of S2- Alkyl-2-thiouridines. A.A.-H Abdel Rahman, **M.A. Zahran**, A.E.-S. Abdel-Megeid, E.B. Pedersen and C. Nielsen.

14. Monatshefte fur Chemie, 127, 979 (1996). Synthesis of 3'-Deoxy -3'-fluoro and 3'-amino Nucleosides from 2-methylthiopyrimidine-4(1H)-ones. **M.A. Zahran**, A. E.-S. Abdel-Megeid, A.A.-H Abdel Rahman, M.A. Sofan, C. Nielsen and E. B. Pedersen.

15. Arch. Pharm., 29, 417-420 (1996). The Potential of Aspirin in Prodrug Synthesis: A New Potential Delivery System of AZT and FLT. **Magdy A. Zahran**, Lajos Kovács, Ibrahim El Sakka, Erik B. Pedersen and Claus Nielsen.

16. Monatsh. Chem., 127, 979-988 (1996). Synthesis of 3'-Deoxy-3'-fluoro and -3'-amino Nucleosides from 2-Methylthiopyrimidin-4(1H)-ones. **M. A. Zahran**, A. E.-S. Abdel-Megeid, A. A.-H. Abdel-Rahman, M. A. Sofan, C. Nielsen and E. B. Pedersen.

17. Sulfur Lett., 21 (6), 269-284 (1998). SYNTHESIS OF 5,6-DIHYDRONAPHTHO [1',2':4,5] THIENO [2,3-d] PYRIMIDIENS, 5,6-DIHYDRONAPHTHO [1',2':4,5] THIENO [3,2-e] [1,2,4] TRIAZOLO [1,5-c] PYRIMIDIENS, AND SOME OF THEIR NUCLEOSIDES. F. M. E. Abdel-Megeid, N. A. Hassan, **M. A. Zahran** and A.E. Rashad.

18. Heterocycl. Commun., 5 (6), 539-542. MULTIPLE LID STABILIZATION OF THE DNA THREE-WAY JUNCTION. INSERTION OF N3-(1-PYRENYLMRTHYL) THYMIDINE (1999) Sherif A. Elkafrawy, **Magdy A. Zahran** and Erik B. Pedersen.

19. Acta Chem. Scand., 53, 280-283 (1999). A Novel Route to N6-Alkylated 2'-Deoxyadenosine using benzotriazole as a synthetic auxiliary. Sherif A. Kafrawy, **Magdy A. Zahran** and Erik B. Pedersen.

20. Monatsh. Chem., 130, 1167-1173 (1999). Synthesis of Triazenopyrazole Derivatives as Potential Inhibitors of HIV-1. Larsen, S. J.; **Zahran, M. A.**; Pedersen, B. E. and Nielsen, C.

- 21.** *Helv. Chem. Acta.*, 83, 1408-1416 (2000). 1H-Benzotriazole as Synthetic Auxiliary in a Facile Route to N6-(Arylmethyl)-2'-deoxyadenosines: DNA Intercalators Inserted into Three-Way Junctions. Sherif A. El-Kafrawy, **Magdy A. Zahran**, Erik B. Pedersen and Claus Nielsen.
- 22.** *J. Heterocycl. Chem.*, 37, 339(2000). A Novel and Facile Reaction to N6-Alkylated Adenosine via Benzotriazole as a Synthetic Auxiliary. Hanan M. N. M. Afify, Erik B. Pedersen and **Magdy A. Zahran**.
- 23.** *J. Chem. Research. (M)*, 0101-0104 (2001). Synthesis of 1-Substituted Indole-3-carboxaldehydes Related to Acyclic Nucleosides and Their Condensed Pyrenyl Derivatives. **Zahran, M. A.-H.**; Afify, H. M.; Pedersen, E. B.; Nielsen, C.
- 24.** *Synth. Commun.*, 36, 2751-1761 (2006). Simple Analogs of Acyclonucleosides: Synthesis of N-Substituted pyrido[3',2':4,5]Thieno[3,2-d]pyrimidine Derivatives. Ahmed F. Khattab, **Magdy A. Zahran** and ahmed Saif.
- 25.** *Arch. Pharm. Chem. Life Sci.*, 340, 591 (2007). Rapid and efficient synthesis of 4-substituted pyrazol-5-one under microwave Irradiation in solvent-Free conditions. **Zahran, M. A.-H.**; El-Essawy, F. A.-A.; Yassin, S. M.; Salem, T. A.-R. and Boshta, N. M.
- 26.** *Isotop and Radio Res.*, 39, 1,115-126 (2007). LEACHING OF GALIUM FROM GATTAR GRANITE, EASTERN DESERT, EGYPT. **ZAHRAN, M.A.**, MAHMOUD, KH.F. MAHDY, M.A. AND ABD EL-HAMID, A.M.
- 27.** *Egypt. Pharm. J. (NRC)*, 6(1), 13-29 (2007). Synthesis and Antifungal Activity of 3-[2-Substituted-5-oxo-3,5-dihydro-6,8-dicarbonitriles-1,2,4-triazolo(1,5-a) pyridine-7-yl] Indole Derivatives. **M. A. Zahran**, E. R. El-Sawy,; M. S. Ebid and S. Y. El-Tablawy.
- 28.** *Synth. Commun.*, 37: 3225–3237, (2007). Synthesis of Functionalized Pyrano[3,2-c]pyridines and Their Transformations to 4-Hydroxy-3[(1E)-Nhydroxyalkanimidoyl]pyridines. Farag A. El-Essawy, Ahmed F. Khattab, **Magdy A. Zahran** and Sherif H. Gomaa.
- 29.** *Arkivoc*, xi, 256-265 (2008). Eco-friendly and efficient Synthesis of bis(indolyl)methanes under Microwave irradiation. **Magdy Zahran**, Yasmin Abdin and Hanan Salama.
- 30.** *Bioorg. Med. chem.*, 16, 9708-9718 (2008). Design, synthesis and antitumor evaluation of novel thalidomide dithiocarbamate and dithioate analogs against Ehrlich ascites carcinoma-induced solid tumor in Swiss albino mice. **Magdy A.-H. Zahran**, Tarek A.-R. Salem, Rehab M. Samaka, Hussein S. Agwa, Ayman R. Awad.
- 31.** *Egypt. Pharm. J. (NRC)*, (2009). Stereoselective Synthesis of Aplysinopsin analogues under Microwave Irradiation and Evaluation of Their Antitumor Activity. **Magdy A.-H. Zahran** and Tarek A.-R. Salem.
- 32.** *Journal of Chemical Sciences* 121, 3, 1–8, (2009). Synthesis and cellular cytotoxicities of new N-substituted indole-3-carbaldehyde and their indolylchalcones. **Zahran M A.-H.** and Ibrahim Atef. M.
- 33.** *International Immunopharmacology* 10, 806-811 (2010). Effect of thalidomide dithiocarbamate analogs on the intercellular adhesion molecule-1 expression . Adel A. Guirgis, **Magdy A.-H. Zahran**, Amr S. Mohamed, Bishoy Y. Abdou and Hussein S. Agwa.

- 34.** Journal of Chemical Sciences 122, 1-9 (2010). Efficient microwave irradiation enhanced stereoselective synthesis and antitumor activity of indolylchalcones and their pyrazoline analogs. **Magdy A H Zahran**, Hanan F Salama, Yasmin G Abdin, and Amira M Gamal-Eldeen.
- 35.** Research on Chemical Intermediates. DOI 10.1007/s11164-013-1243-8 (2013). Synthesis of poly(dodecyl phenol formaldehyde)-*b* poly(oxypropylene) block copolymer, and evaluation as asphaltene inhibitor and dispersant. Ammar M. Abdelghaffar, Khalid I. Kabel, Reem K. Farag, N. E. Maysour, **Magdy A. H. Zahran**.
- 36.** International Journal of Modern Organic Chemistry, 2(3), 226-250 (2013). Volatility Criteria and Specifications of Some Gasoline-Ester Blends. Manal Amine, **Magdy A.H. Zahran**, Ezis N. Awad, S.M. El-Zein and Y.Barakat.
- 37.** Journal of Royal Society of Chemistry 4, 12506–12513 (2014). Leaching of hafnium, zirconium, uranium and other nuclear economic elements from petroleum ash. A. M. Abd El-Hamid, **M. A. Zahran**, F. M. Khalid and A. H. Mahmoud.
- 38.** Arch Pharmazie. 347, 1, (2014). Synthesis and Evaluation of Thalidomide and Phthalimide Esters as Antitumor Agents. **M.A.-H. Zahran**, Y.G.Abdin, A.M.-A.Osman, A.M.Gamal-Eldeen, R.M. Talaat, E.B. Pedersen.
- 39.** Research on Chemical Intermediates. DOI 10.1007/s11164-014-1629-2 (2014). Synthesis and evaluation of PAMAM dendrimer and PDPF-*b*-POP block copolymer as asphaltene inhibitor/dispersant. Khalid I. Kabel, Ammar M. Abdelghaffar, Reem K. Farag, N. E. Maysour, **Magdy A. H. Zahran**.
- 40.** Biomedicine and Aging Pathology. 2014, 4, 179. Anti-angiogenic and Apoptotic Effect of Novel Thalidomide Analogs on Hep-G2 and MCF-7 Cancer Cell Lines. R. Talaat, W. El-Sayed, H. Agwa, A.M. Gamal-Eldeen, S. Moawia, **M. Zahran**.
- 41.** Journal of Genetic Engineering and Biotechnology. DOI 10.1016/j.jgeb.2014.03.003 (2014). Thalidomide dithiocarbamate and dithioate derivatives induce apoptosis through inhibition of histone deacetylases and induction of caspases. **Magdy A.-H.Zahran**, Ameera M. Gamal-Eldeen, Hussein S. Agwa.
- 42.** International Immunopharmacology. 21, 283-292 (2014). In vitro anti-proliferative and anti-angiogenic activities of thalidomide dithiocarbamate analogs. Bishoy Y. A. El-Aarag, Tomonari Kasai, **Magdy A. H. Zahran**, Nadia I. Zakhary, Tsukasa Shigehiro, Sreeja C. Sekhar, Hussein S. Agwa, Akifumi Mizutani, Hiroshi Murakami, HirokiKakuta, Masaharu Seno.
- 43.** International Journal of Sciences: Basic and Applied Research. 14, 495-505 (2014). Oxidative Leaching Kinetics of Vanadium from Egyptian Boiler Ash under Acidic Oxidizing Conditions. L. A. Guirguis, A. H. Mahmoud, **M. A. Zahran**, M. M. Sharaf.
- 44.** International Journal of Academic Research. 6(3), 246-254 (2014). PREPARATION AND EVALUATION OF SOME LIGNIN GRAFT COPOLYMERS AND THEIR APPLICATION IN DRILLING FLUID. **Magdy A. Zahran**, Moneer M. Basuni.

45. Engineering Research Journal. 37, 255-264 (2014). Self-Healing of cracked concrete with bacterial approach. **Magdy A. Zahran**, Magdy Attia, Amal A. Nasser.

46. Chemico Biological Interaction (accepted for publication 2015). Anti-Inflammatory Effect of Thalidomide Dithiocarbamate and Dithioate Analogs. Roba Talaat, Waheba El-Sayed, Hussein Agwa, Amira Gamal-Eldeen, Shaden Moawia, **Magdy Zahran**

47. Research Journal of Pharmaceutical, Biological and Chemical Sciences (accepted for publication 2015). Design, synthesis and antimicrobial evaluation of novel carbendazim dithioate analogs. **M.A.-H. Zahran**, A.M.-A.Osman, RANIA A WAHED, MAGDY ATTIA, GAMAL A ELNASSER, AZZA SH TURKY, E.B. Pedersen.

1.8. Presentations

A- International Conferences

1	Title	The 7 th international conference for Development and Enviromental studies in the arab world
	Location	Assiut - Egypt
	Date	2014
	Participation	Poster
2	Title	The 1st Conference on Science Diplomacy and Developments in Chemistry
	Location	Alexandria – Egypt
	Date	2012
	Participation	Poster and Oral
3	Title	International Drug Discovery Science and Technology
	Location	China National Convention Center, Beijing, China
	Date	2010
	Participation	Oral

4	Title	10th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Ain Shams Univ. Cairo, Egypt
	Date	2009
	Participation	Poster
5	Title	9th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Cairo, Egypt
	Date	2004
	Participation	Oral
6	Title	7th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Cairo, Egypt
	Date	2000
	Participation	Oral
7	Title	37th IUPAC Congress / 27th GDCh General Meeting.
	Location	Berlin, Germany
	Date	August 14-19, 1999
	Participation	Oral
8	Title	6th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Cairo, Egypt
	Date	1997
	Participation	Poster
9	Title	5th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Cairo, Egypt
	Date	1995

	Participation	Poster
10	Title	4th Ibn Sina International Symposium on Pure and applied Chemistry.
	Location	Cairo, Egypt
	Date	1992
	Participation	Oral

B- Local Conferences

1	Title	The Egyptian Chemical Society (9th Arab Chemical Conference) 3rd Egyptian Chemical Conference.
	Location	Cairo, Egypt
	Date	1993
	Participation	Poster

c. Scientific Workshops

1	Title	Synthesis and Investigation of Some Selected Active Heterocyclic Cores with Potent Activity against Cancer Cells
	Location	Okayama Univ. biotechnology Dep. Japan
	Date	September, 2014
2	Title	Importance of essential amino acids for humanben cell
	Location	Cairo Univ. biochemistry Dep.
	Date	May, 2007
3	Title	The effect of insecticides and pesticides on the soil enzyme activity
	Location	Water research institute
	Date	Jan, 2006
4	Title	Spectroscopic applications
	Location	Training Center of NRC, Cairo, Egypt.
	Date	March, 2003

1.9. Additional Information

EDITING OF MANUSCRIPTS

Prof. Dr. Magdy Zahran is a **reviewer** for 4 international journals:

- a) European journal of Medicinal Chemistry.
- b) Future Medicinal Chemistry.
- c) Ultrasonics Sonochemistry.
- d) Molecular Diversity.

1.10 Principal investigator for STDF project

The project title is **Design, synthesis and preclinical mechanistic evaluation of the antitumor activity of novel thalidomide and phthalimide dithiocarbamate and dithioate analogs.**

The project shared between faculty of science Menoufiya University and scientists from the national research centre, the genetic engineering institution and faculty of Pharmacy Ain-Shams University for two years period and funded with one million EGP.

Supervisions

Thesis Awarded the M.Sc. Degree Entitled:

1	M.Sc.	Studies on synthon character of some uracil derivatives with expected biological activity. (Awarded in 1990).
2	M.Sc.	Synthesis and reactions of some Thiopyrimidines. (Awarded in 1993).
3	M.Sc.	Electrochemical synthesis of some heterocyclic compounds with expected biological activity. (Awarded in 1995).
4	M.Sc.	Study on some uracil derivatives with expected biological activity. (Awarded in 1994).

5	M.Sc.	Organic and Electroorganic synthesis of fused pyrimidines with expected biological and pharmaceutical activity (Awarded in 1995).
6	M.Sc.	Chemical and Electrochemical Reactions of some heterocyclic compounds (Awarded in 1998).
7	M.Sc.	Synthesis of New Fused Heterocyclic Rings with expected biological Activity (Awarded in 1999).
8	M.Sc.	Synthesis of some indole [3,2-c] isoquinoline acyclic nucleoside derivatives with expected biological activity (Awarded in 2002)
9	M.Sc.	Investigation and study of the chemical behavior of Thalidomide drug and its analogues (Awarded in 2004).
10	M.Sc.	Synthesis and evaluation of some new fused heterocyclic compounds with expected biological activity (Awarded in 2006).
11	M.Sc.	Synthesis and Antifungal Activity of some new 1-benzyl and 1-benzoyl-3-Heterocyclic Indole Derivatives (Awarded in 2007).
12	M.Sc.	Synthesis and reactions of the new pyranopyridone derivatives (Awarded in 2007).
13	M.Sc.	Investigation of different organic solvent systems in the extraction of Ga. and some other nuclear & economic elements from some egyptian granitoid rocks especially G.Gattar locality (Awarded in 2007).
14	M.Sc.	Study and investigation for the synthesis of bis indolylmethanes as antitumor compounds as well as indolyl-chalcones via microwave irradiation and conventional heating (Awarded in 2008).
15	M.Sc.	Investigation on the chemical behavior of thalidomide N-dithiocarbamate derivatives and evaluation of their antitumor activity (Awarded in 2009)

16	M.Sc.	Synthesis of an antitumor active indole chalcones and bis(indolylmethane) derivatives (Awarded in 2010)
17	M.Sc.	Biochemical and Molecular Study of anticarcinogenic activity of Novel thalidomide derivatives on Female Albino Mice bearing Solid tumor (Awarded in 2010)
18	M.Sc.	Synthesis and investigation of polymeric and nano polymeric latex as additives for petroleum application (Awarded in 2013)
19	M.Sc.	Environmental friendly oxygenated gasoline formulation systems (Awarded in 2014)
20	M.Sc.	recovery of some elements from flying ash by solvent extraction technique (Awarded in 2014)
21	M.Sc.	Differential gene expression of tumor cell in response to different thalidomide dithiocarbamate analogs 2008-up to date.
22	M.Sc.	Synthesis and Investigation of Carbendazim and Their Sulfur Analogs Toward Soil Enzymes Activity As Indicator for Pesticides Pollution and Other Agro Applications 2010-up to date.
23	M.Sc.	Chemical and Biological Investigation of N-Substituted Thalidomide Methyl ester as a precursor of Novel derivatives 2011-up to date
24	M.Sc.	Evaluation, Synthesis and Antitumor Activity of New Thalidomide and Phthalimide Derivatives Linked to Amino acids 2011-up to date
25	M.Sc.	Synthesis and Investigation of benzotriazoles and their analogs as antitumor activity 2011-up to date.
26	M.Sc.	Preparation and Evaluation of Some Lignin Graft copolymers and their Application in Drilling Fluid 2012-up to date.
27	M.Sc.	Synthesis of some Indole-3-carbinol and their Dithiocarbamate and dithioate analogues as anticancer agent 2012-up to date
28	M.Sc.	Investigation of medicinal mushroom extract and isolation of its biologically active ingrediance 2012-up to date
29	M.Sc.	Synthesis and biological evaluation of some novel naphthalimide derivatives 2013-up to date
30	M.Sc.	Synthesis of Carbendazim derivatives and Investigation of their biological activity 2013-up to date

Thesis Awarded the Ph.D. Degree entitled:

1	Ph.D.	Synthesis of some heterocyclic nucleosides and their acyclic derivatives. (Awarded in 1994).
2	Ph.D.	Synthesis of oligonucleotide adducts as an intercalating moiety to an unpaired Nucleobase (Awarded in 1999).
3	Ph.D.	Synthesis of some indole nucleoside derivatives with expected biological activity & Utility of benzotriazole as a synthetic auxiliary in the alkylation of adenosine (Awarded in 2001)
4	Ph.D.	Determination and Extraction of Hafnium and Some Other Economic Elements from Petroleum Ash (Awarded in 2014)
5	Ph.D.	Synthesis and evaluation of thalidomide prodrug toward different tumor cell lines (Awarded in 2014)
6	Ph.D.	Natural products synthesis and analogue structures which are expected to have various biological activities 2007-up to date
7	Ph.D.	Design, synthesis and evaluation of thalidomide analogs and their metabolites as antitumor 2009-up to date.
8	Ph.D.	Physicochemical and biological evaluation of new thalidomide analogs 2009-up to date
9	Ph.D.	The Possible Curative Effect of Some New Thalidomide Dithiocarbamate Analogs on Chemically Induced Hepatic Cirrhosis in Rats 2010-up to date
10	Ph.D.	Biochemical and Molecular investigations of anticarcinogenic activity of new thalidomide dithiocarbamate analogs towards tumors 2010-up to date
11	Ph.D.	Synthesis of <i>N</i> -Naphthalimide Dithiocarbamate and Dithioate Analogs and Evaluate of their Anticancer Activities 2012-up to date