

Curriculum Vitae



I- Personal information:	
1) Full Name:	Azza Taher Taher Shalaby (Ph. D.)
2) Title:	▪ Professor Dr. of Pharmaceutical Organic Chemistry
3) Nationality:	▪ Egyptian
4) Date of birth:	▪ 15-3-1965
5) Place of birth:	▪ GIZA
6) Marital status:	▪ -
7) Address:	▪ Faculty of Pharmacy, October 6 University
8) E-Mail:	▪ Azza.taher.pha@O6u.edu.eg ▪ Azza.shalaby@pharma.cu.edu.eg
9) H-Index (according to Scopus):	▪ <u>13</u>
10) Website:	▪ -
11) ORCID:	▪ https://orcid.org/0000-0001-8748-2118
12) Scopus author ID:	▪ 36878145800
II- Education:	<p>Doctorate of Philosophy of Organic Chemistry(Ph.D.) Cairo University Cairo, Egypt 1991- 1999</p> <p>Master of Organic Chemistry Cairo University Cairo, Egypt</p>

	<p>1986-1991</p> <p>Bachelor of Pharmaceutical Science Cairo University Cairo, Egypt 1981-1986</p>
<p>III- Professional occupations:</p>	<p>1986-2015 (Cairo University) 2015-Sep. 2017 October University For Modern Sciences & Arts (MSA) Faculty of Pharmacy- Head of Organic Department October 2017- now October 6 University- Faculty of Pharmacy- Head of Pharmaceutical Organic Department</p>
<p>IV- Experience:</p>	<p>37 years in Reseach and teaching Pharmaceutical Organic Chemistry.</p> <p>I'm involved in several administrative, academic, and cultural activities in the University, include: University Career:</p> <ul style="list-style-type: none"> ➡ Demonstrator of Practical experimental of Organic chemistry Faculty of Pharmacy, Cairo University from December 1986 to December 1990. ➡ Assistant Lecturer of Organic chemistry Faculty of Pharmacy, Cairo University from March 1991 to June 1999. ➡ Lecturer of Organic chemistry, Faculty of Pharmacy, Cairo University from September 1999 to October 2006. ➡ Associate Professor of Pharmaceutical Organic Chemistry Faculty of Pharmacy, Cairo University from October 2007 to October 2012. ➡ Professor of Pharmaceutical Organic Chemistry Faculty of Pharmacy, Cairo University from December 2012 till now.
<p>a) Teaching experience:</p>	<ul style="list-style-type: none"> ▪ <u>Undergraduate:</u> ▪ Supervisor on practical synthesis of some of Pharmaceutical Organic compounds for graduate students 1st, and 2nd, years.



- Teaching of Benzenoid organic compounds course in academic year (1999-2023).
- Teaching of Aliphatic organic compounds course in academic year (2009-2023).
- Teaching of Nitrogenous Compounds course code in academic year (2010-2011) & (2013-2023).
- Teaching of Heterocyclic Compounds course in academic year (2011- 2023).
- Teaching of stereochemistry and carbohydrates course in academic year (2012-2013) , (2013-2014) & (2014-2023).

Postgraduate:

Teaching of spectroscopy course of post graduate in academic year (2012-2013) & (2013-2015)

Ph.D. Study

- ➡ Doctorate degree of Pharmaceutical Science in (Organic Chemistry) Cairo University, June 1999.

*The defended thesis was titled "*Synthesis of 3,5-dioxo-pyrazolidine derivatives likely to possess anti-inflammatory activity".

- ☐ Courses studied:
- ☐ **Advanced course in "Mastering Computer Basic Programs**, Microsoft Office XP, software (Word, Excel, PowerPoint and Internet), Statistics Institute, Cairo University, 1998.
- **"Teaching Skills, Education Psychology and Learning Capabilities**, Unit of Preparation of University Teacher, Cairo University, 1997.

- Pre-tofel in Language Center – Cairo University
- Tofel in Amide East Score 500, 1998.

b) Research experience and list of publications:

1) *Novel pyrazolone derivatives synthesis and evaluation of analgesic activity.*

Mohammed A. Shabaan, Salwa El-Meligi and Azza Taher
Alex. J. Pharm. Sci., 4(1), 93-95(1990).

2) *Synthesis of certain pyrazolo(1,5-d)1,2,4-triazines.*

Mohammed A. Shabaan, Salwa El-Meligi and Azza Taher
Bull. Fac. Pharm. Cairo Univ., 28(3), 19-22(1990).

3) *Novel Pyrazolidine – 3,5- dione derivatives, Synthesis as anti-inflammatory activity.*

Azza Taher, Osama El-Badry, Mohammed Essawi, Hamdy Ragab and Mansour Khalifa
Bull. Fac. Pharm. Cairo Univ., 39(3), 25-33(2001).

4) *Synthesis of some floctafenine derivatives of Expected anti-inflammatory/ analgesic activity.*

Gehan Hegazy, Azza Taher and Asmaa Zaher
Arch. Der Pharmazie, 338, 374-384 (2005).

5) *Imidazo (1,2-b) pyrazole- 2,6-dione; Synthesis and Preliminary evaluation of anti-inflammatory and analgesic activity.*

Azza Taher* and Mohammed Raafat
43(2), 43-55 (2005). *Bull. Fac. Pharm. Cairo Univ.*

6) *Synthesis of Certain Thienopyrimidine Derivatives of Possible Pharmaceutical Interest.*

Ashraf Moneer, Azza Taher* and Hanan Kadry
Bull. Fac. Pharm. Cairo Univ., 45(3), 66-78 (2007).

7) *Design, synthesis and blood pressure lowering activity of certain tetrahydrobenzothiophene derivatives with arylpiperazinyl side chains.*

Khalid Abouaid, Azza Taher and Mona Kamel
Bull. Fac. Pharm. Cairo Univ., 45(2), 44-51 (2007).

8) *Design and Synthesis of some floctafenine derivatives of expected selective COX2 inhibitor activity.*

Azza Taher*, Giham Hegazy, Lamiaa Hammad and Mohammed Elyamani

Bull. Fac. Pharm. Cairo Univ., 45(2), 52-60 (2007).

9) *Design, Synthesis and anti-hypertensive activity of certain pyrazolo- pyrimidine with arylpiperazine side chain.*

Khaled Abouzid, Azza Taher* and Hanan

Kadry *Bull. Fac. Pharm. Cairo Univ.*

,45(2), 61-71 (2007)

10) *Synthesis of certain 1,2,4-triazolo[4,3-a]quinoxalinone derivatives for evaluation of in-vitro antitumor and antimicrobial activities.*

Azza T. Taher*, Nadia Khalil and Eman Ahmed

Bull. Fac. Pharm. Cairo Univ., 47(1), 19-26 (2009).

11) *Synthesis of novel 3,4-dihydroquinoxalin-2(1H-one derivatives .* Mohammed Shabaan, Azza T. Taher* and Eman Omar

European journal of chemistry, 2(3)365-371 (2011).

12) *Synthesis of novel Isatin-Thiazoline and Isatin-Benzimidazole conjugates as anti-breast cancer agents.*

Azza T. Taher*, Nadia Khalil and Eman Ahmed

Arch Pharm Res. 34(10) 1615-1621 (2011).

13) *Novel 1,3,4-heterodiazole analogues: Synthesis and in-vitro antitumor activity.*

Azza T. Taher*, Hanan H. Georgey and Hussein I. El-Subbagh

European Journal of Medicinal Chemistry 47 445-451, (2012)

14) *Novel pyrimidinone derivatives: Synthesis, antitumor and antimicrobial evaluation.*

Azza T. Taher* and Amira A. Helwa

Chem. Bull. Pharm., Japan., 60(4) 521–530 (2012)

15) *Synthesis of Certain 2-Substituted-1H-Benzimidazole Derivatives as Antimicrobial and Cytotoxic agents.*

Azza Taher Taher*, Nadia Abdalla Khalil, Eman Mohamed Ahmed, and Yasser Mohamed Ragab

Chem. Bull. Pharm., Japan., 60(6), 778–784 (2012)

16) Synthesis, Antitumor and Antimicrobial Testing of Some New Thiopyrimidine Analogues

Azza T. Taher* and Amira A. Helwa

Chem. Bull. Pharm., Japan., 60(10), 1305–1313 (2012)

17) Synthesis and Biological Assessment of Some New Acrylonitrile Derivatives as Potential Antitumor and Antimicrobial Agents.

Azza Taher Taher

Life Science Journal., 9(1), 991-1005 (2012).

18) Synthesis and Bioactivity Evaluation of New 6-Aryl-5-cyano thiouracils as Potential Antimicrobial and Anticancer Agents

Azza Taher Taher, Sahar Mahmoud Abou-Seri.

Molecules, 17, 9868-9886 (2012).

19) Synthesis of new 1,3,4-benzotriazepin-5-one derivatives and their biological evaluation as antitumor agents

Azza Taher Taher, Lamia Wagdy

Arch. Pharm. Res. (Korea), 36:684–693(2013).

20) Synthesis of novel bis-anthraquinone derivatives and their biological evaluation as antitumor agents.

Azza Taher Taher, Gehan Hegazy

Arch Pharm Res.(Korea), 36:573–578 (2013).

21) Synthesis and binding study of certain 6-arylalkanamides As molecular probes for cannabinoid receptor subtypes.

Azza T. Taher*, Hanan H. Kadry, Marco Allarà, Vincenzo Di Marzo, Ashraf H. Abadi, and Khaled A. Abouzid

Journal of Enzyme Inhibition and Medicinal Chemistry, 28(3),436- 439; (2013). DOI: 10.3109/14756366.2011.645241Ltd., UK

22) Synthesis, anti-inflammatory, analgesic and antipyretic activities of novel pyrano[2,3-c]pyrazoles and related fused ring derivatives.

Afaf ElAnsari, Azza Taher Taher, Ahmed Rahmany, and SallyEl-wdan.

Journal of American Science;10(10) 284-294 (2014).

23) Useful four-carbon synthons en route to monastrol analogs

Amr M. Abdou, S. Botros , Rasha A. Hassan, Mona M. Kamel c,
Douglass F. Taber , Azza T. Taher.
Tetrahedron, (71) 139-146 (2015).

**24) Synthesis and Anti-mycobacterial Evaluation of
Some New IsonicotinylHydrazide Analogues.**

Maha A. Abdel Hakeem, Azza T. Taher, Suzan Aboel-maaty.
*Bulletin of Faculty of Pharmacy, Cairo
University 53; 45-52 (2015).*

**25) Synthesis of novel S-acyl and S-alkylpyrimidinone
derivatives as potential cytotoxic agents**

Makaram M. Said¹ • Azza T. Taher^{1,2} • Hala B. El-Nassan¹

• Eman A. El-Kholy¹

*Res Chem Intermed (2016) 42:6643–
666 DOI 10.1007/s11164-016-
2487-x*

**26) Synthesis and cytotoxic activity of certain
benzothiazole derivatives against human MCF-7
cancer cell line**

Lamia W. Mohamed¹ | Azza T. Taher^{1,2} | Ghada S. Rady³ |
Mamdouh M. Ali⁴ | Abeer E. Mahmoud⁴

DOI: 10.1111/cbdd.12879

Chem Biol Drug Des.;89 (4) 566–576. (2017).

**27) Synthesis and cytotoxic activity of certain trisubstituted
azetidin- 2-one derivatives as a cis-restricted
combretastatin A-4 analogues**

Salwa Elmeligie¹ Azza. T. Taher^{1,2} Nadia A. Khalil¹
Ahmed H. El-said

– The Pharmaceutical Society of Korea 2017

Arch. Pharm. Res.

DOI 10.1007/s12272-016-0849

Arch. Pharm. Res. (2017) 40:13-24

**28) Design, synthesis and cytotoxic activity of certain novel chalcone
anal- ogous compounds**

S. El-Meligie **a**, Azza T. Taher **a, b**, Aliaa M. Kamal **a, ***, A. Youssef **c**

European Journal of Medicinal Chemistry 126 (2017) 52—60

29) *Synthesis and bioactivity evaluation of new pyrimidinone-5-carbonitriles as potential anticancer and antimicrobial agents*

Amira A. Helwa¹ · Ehab M. Gedawy² · Sahar M. Abou -
Seri³ · Azza T. Taher^{2,4} · Afaf K. El-Ansary²
Res Chem Intermed, 44 (4), 2685-2702. (2018)
<https://doi.org/10.1007/s11164-018-3254-y>

30) *Design, synthesis, and biological evaluation of chromeno[2,3-d] pyrimidines as potential cytotoxic agents.*

Asmaa.kassab, Nehalelbakhsha., Hala.el-nassan, Azza T. Taher

Future Medicinal Chemistry, 10 (12), 1465-1481(2018)

31) *Alkoxyphenylthiazoles with broad-spectrum activity against multi- drug-resistant gram-positive bacterial pathogens*

Moustafa ElAwamya, Haroon Mohammadb, Abdelrahman Hussien, Nader S. Abutaleb, Mohamed Hagrasc, Rabah A.T. Seryaa, Azza T. Taher, e, Khaled AM Abouzida, Mohamed N. Sel- eemb, f, **, Abdelrahman S. Mayhoubc
European Journal of Medicinal Chemistry, 152, 318-328 (2018).

32) *Synthesis and biological evaluation of certain new benzimidazole derivatives as cytotoxic agents*
new cytotoxic benzimidazoles

LW Mohamed, AT Taher, GS Rady, MM Ali, AE Mahmoud
Der Pharma Chemica 10 (5), 112-120 (2018).

33) *Synthesis, Modeling Studies and Biological Screening of Novel Pyrazole Derivatives as Potential Analgesic and Anti-inflammatory Agents*

AT Taher, MTM Sarg, NRES Ali, NH Elnagdi
Bioorganic chemistry, 103023 (2019).

34) *Triazolopyridazine derivatives: Synthesis, Cytotoxic evaluation, c- Met Kinase Activity and Molecular Docking*
EM Ahmed, NA Khalil, AT Taher, RH Refaey, YM Nissan
Bioorganic Chemistry, 92, 103272 (2019).

35) *Synthesis and in-vitro anti-proliferative evaluation of some pyrazolo[1,5-a]pyrimidines as novel larotrectinib analogs*

Mohamed H. Attia^a Eman Z. Elrazaz^b Soad Z. El-Emam^c Azza T. Taher^d Hatem A. Abdel-Aziz^e Khaled A.M. Abouzid^{b,f}

<https://doi.org/10.1016/j.bioorg.2019.103458>

Bioorganic Chemistry 94 ,103458(2020)

36) *Evaluation of N-phenyl-2-aminothiazoles for treatment of multi-drug resistant and intracellular Staphylococcus aureus infections*

IG Shahin, NS Abutaleb, M Alhashimi, AE Kassab, KO Mohamed, AT. Taher, MN Seleem, AS Mayhoub

European Journal of Medicinal Chemistry 202, 112497(2020)

37) *Synthesis and biological evaluation of novel pyrimidine-5-carbonitriles featuring morpholine moiety as antitumor agents*

AA Helwa, EM Gedawy, AT Taher, AK El-Ansary, SM Abou-Seri

Future Medicinal Chemistry 12 (5), 403-421(2020).

38) *Pimenta dioica (L.) Merr. Bioactive Constituents Exert Anti-SARS-CoV-2 and Anti-Inflammatory Activities:*

Molecular Docking and Dynamics, In Vitro, and In Vivo Studies

Heba A. El Gizawy 1,†, Sylvia A. Boshra 2,†, Ahmed Mostafa 3 , Sara H. Mahmoud 3, Muhammad I. Ismail 4 ,

Aisha A. Alsouk 5 , Azza T. Taher 6,7,* and Ahmed A. Al-Karmalawy
Molecules 2021, 26, 5844.

<https://doi.org/10.3390/molecules26195844>.

- ☐ 39) *The Anti-MRSA Activity of Phenylthiazoles: A Comprehensive Review*
IG Shahin, KO Mohamed, AT Taher, AS Mayhoub, AE Kassab
Current Pharmaceutical Design 28 (43), 3469-3477, 2022
- ☐ 40) *New 5-Aryl-1, 3, 4-Thiadiazole-Based Anticancer Agents: Design, Synthesis, In Vitro Biological Evaluation and In Vivo Radioactive Tracing Studies*



*RM El-Masry, BM Essa, AA Selim, SZ El-Emam, KO Mohamed, TM Sakr, ...
Pharmaceuticals 15 (12), 1476, 2022*

- ☐ *41) Comparative Study of the Synthetic Approaches and Biological Activities of the Bioisosteres of 1, 3, 4-Oxadiazoles and 1, 3, 4-Thiadiazoles over the Past Decade*

*RM El-Masry, HH Kadry, AT Taher, SM Abou-Seri
Molecules 27 (9), 2709, 2022*

- ☐ *42) Newly synthesized series of oxoindole–oxadiazole conjugates as potential anti-SARS-CoV-2 agents: In silico and in vitro studies*

*RM El-Masry, AA Al-Karmalawy, R Alnajjar, SH Mahmoud, A Mostafa, ...
New Journal of Chemistry 46 (11), 5078-5090, 2022.*

43) Design and synthesis of some new benzoylthioureido phenyl derivatives targeting carbonic anhydrase enzymes

MAA Najm, WR Mahmoud, AT Taher, SES Abbas, FM Awadallah, ...

Journal of Enzyme Inhibition and Medicinal Chemistry 37 (1), 2702-2709, 2022.

- ☐ *44) Fabrication of Modified Chitosan with Furanone Derivatives: Characterization and Evaluation as Anticancer Agents*

*M Ali, NG Kandile, MI Mohamed, AT Taher, HM Mohamed
Egyptian Journal of Chemistry 66 (10), 269-281, 2023.*

- ☐ *45) New potential anti-SARS-CoV-2 and anti-cancer therapeutic nanoparticles: Preparation and characterization*

*M Ali, MI Mohamed, AT Taher, SH Mahmoud, A Mostafa,
Arabian Journal of Chemistry 16 (5), 104676, 2023.*

- ☐ *46) Recent Advances in the Synthesis of Thiazole Ring: Mi*

*IG Shahin, KO Mohamed, AT Taher, AS Mayhoub, AE Ka
Mini-Reviews in Organic Chemistry 20 (3), 270-284, 2023.*

- 47) *Design and synthesis of some new benzoylthioureido be
analogues as carbonic anhydrase inhibitors*

*KH Oudah, WR Mahmoud, FM Awadallah, AT Taher, SE
Journal of Enzyme Inhibition and Medicinal Chemistry 38*

48) *Impact of Eucalyptus maculata Hook resin exudate con
expression: In-vivo anti-inflammatory, molecular docking c
MM Sabry, RF Abdel-Rahman, HM Fayed, AT Taher, HA
Journal of ethnopharmacology 314, 116631, 2023.*

As Supervisor

1- Synthesis of Some New Pyrimidine Derivatives With Anti-tumor Activity

Thesis Presented By Eman Adel Shams El-Din El-Khouly

Under The Supervision of Prof. Dr. Makarem Mohamed Said Korraa

Prof. Dr. Azza Taher Taher Shalaby

Dr. Hala Bakr Ali El-Nassan, Faculty of Pharmacy, Cairo Uni versity

Faculty of Pharmacy Cairo University 2010

2- Design and Synthesis of 5-cyano-6-substltuted phenyl-2-thlouracil derivatives as anti-cancer and anti-microbial agents .

Thesis Presented By Amira Atef Ahmed Mohammed Helwa

Under The Supervision of Professor Dr. Khadiga Mansour Ghoneim

Professor Dr. Afaf Kamal El-DIn El-Ansary

Dr. Azza Taher Taher Shalaby

Faculty of Pharmacy Cairo University 2007

3- Progress Toward the Synthesis of Specific Inhibitors of the Large Amino Açid Transporter (LAT1) and Inhibitors of the Mitotic Kinesin Eg5 as Anti-cancer

Agents Thesis presented by Rasha Ahmed Mahmoud Hassan

Under the Supervision of: Prof. Dr. Samir Botros Salib
Prof. Dr. Douglass Fleming Taber
Prof. Dr. Azza Taher Shalaby
Dr. Mona Monir Kamel
Faculty of Pharmacy, Cairo University 2010

4- Synthesis of certain benzimidazole and benzothiazole derivatives expected to have antitumor activity .

Thesis submitted By Ghada Said Ali
Under the Supervision of Professor Dr. Azza Taher Taher Shalaby
Dr. Lamia Wagdy Mohamed Faculty of Pharmacy Cairo University 2010

5- Synthesis and Biological Evaluation of Some Novel Heterocyclic Compounds as Anti- Inflammatory and Analgesic Agents Thesis presented by Nermin Rizk El-Sayed Ali Mohamed

Under the supervision of Prof. Dr. Azza Taher Taher Shalaby
Dr. Marwa Taha Mostafa Sarg
Faculty of Pharmacy (Girls branch), Al-Azhar University 2010

6- Design and Synthesis of novel pyrano[2,3-c] pyrazoles and related fused ring derivatives as anti-inflammatory, analgesic and antipyretic agents Thesis presented by M. Ahmed Abd El-hamed Ali mohammed Elrahmany

Under the supervision of Professor Dr. Khadiga Mansour Ghoneim
Professor Dr. Afaf Kamal El-Din El-Ansary
Professor Dr. Azza Taher Taher Shalaby
Faculty of Pharmacy Cairo University 2008

7- Synthesis and Biological Evaluation of Structurally Related Colchicine Compounds as Potential Anticancer Agents. Thesis Presented by Amira Youssef Adib Youssef

Under The Supervision of Prof. Dr. Salwa M.EL-Meligie
Prof. Dr. Azza T.Taher Shalaby
Dr. Aliaa M.Kamal



Faculty of Pharmacy Cairo University 2012

8- Synthesis of Novel Oxadiazole and Chromene Derivatives as Cytotoxic Agents Thesis Presented By Nehal Mohamed Nabil El-Bakhshawangy Under the supervision of Prof. Dr. Azza Taher Taher Shalaby Dr. Hala Bakr Ali El-Nassan Dr. Asmaa El-Sayed Abd El-Latief Kassab

Faculty of Pharmacy Cairo University 2015.

9- Molecular Modeling Design, Synthesis and Anticancer Evaluation of Various Substituted Amino Pyrazolotriazine Derivatives Mohamed Hassnien Attia

Under the supervision of Prof. Dr. Khalid Abouzid

Prof. Dr. Azza Taher Taher Shalaby Dr. Eman Zaghloul Faculty of pharmacy- Ain Shams University (2018)

10-Synthesis of novel pyrimidine derivatives with expected anticancer activity Thesis presented by Ghada Said Ali Rady Under the supervision of

Prof. Dr. Azza Taher Taher Shalaby Prof. Dr. Marwa Taha Mostafa Sarg Dr. Moshira Adel Abd El-Fattah El Deeb

Faculty of Pharmacy (Girls branch), Al-Azhar University 2019.

11- Synthesis of Arylthiazole Derivatives with expected Anti-Methicillin Resistant *Staphylococcus aureus* Activity.

Thesis presented by Inas Galal Under the supervision of

Prof. Dr. Azza Taher Taher Shalaby Dr. Khaled Omar



Dr. Asmaa Kassab
Dr. Abdel Rahman Mayhoub
Faculty of Pharmacy Cairo University 2016.

12- Design, Synthesis and Biological Evaluation of Novel 1,3,4-Heterodiazole and Related Fused Ring Derivatives as Potential Anti-tumor Agents.
Thesis presented by Rana El- Masry.
Under the supervision of

Prof. Dr. Azza Taher Taher Shalaby
Prof. Dr. Hanan Kadry
Prof . Dr. Sahar Abo-Sier
Dr. Nadia Abdo 2013

13- Synthesis of Quinoxaline Derivatives of Pharmaceutical Interest
Eman Omar
2004

14- Lead Identification of Conformationally Restricted B-Lactam Type Combretastatin Analogues: Synthesis, Antiproliferative Activity and Tubulin Targeting Effects.
Ahmed Hamdy Ragab (2012)

15- Design and Synthesis of Pyrimidine derivatives as anti-cancer and anti-microbial agents .
Thesis Presented By Amira Atef Ahmed Mohammed Helwa
Under The Supervision of Professor Dr. Khadiga Mansour Ghoneim
Professor Dr. Afaf Kamal El-Din El-Ansary
Dr. Azza Taher Taher Shalaby
Faculty of Pharmacy Cairo University 2013

As External Examiner
(Master),(Doctor)

1- Synthesis of Heterocycles-Based Compounds as
Possible Potential Cancer Targeting Therapeutics
Thesis presented by Yasmine Mohamed Abdel Aziz
Mohamed
Under the Supervision of Dr.Mohamed MokhtarAmin
Prof.Dr. Khaled Abouzid
Dr. Hosam El din Abd El Hamed Ahmed
Faculty of Pharmacy Suez Canal University (2014).

2- Molecular Design and Synthesis of Certain Indazole
Derivatives with Potential Anticancer Activity
Thesis presented by Nevine Mohammed Yehya
Under the supervision of Prof. Dr. / Dalal A. Abou El Ella
Prof. Dr. / Khaled A. M. Abouzid
Dr. / Rabah A. Taha
Ain Shams University Faculty of Pharmacy Ain Shams
University (2015)

3- Synthesis and Study of Some Novel Quinoline-3-
Carbaldehyde Derivatives
Thesis is presented by Mohamed Mustafa El-Sebaei El-Nagar
Under the Supervision of Prof. Dr. Ashraf H. Bayoumi
Dr. Kamal M. El-Gamal
Dr. Farag F. Sherbiny
Faculty of Pharmacy, Al-Azhar University Cairo, Egypt
(2015) A.D. – 1437 A.H.

4- Synthesis of some new heterocyclic compounds
containing nitrogen and sulphur and study of their biological
activities
Thesis presented by Maha Ahmed Ebrahim Abou Sharabeia
Under the supervision of Prof. Dr. Aisha Youssif Hassan
Helali
Prof. Dr. Ashraf Hassan Mohamed Bayoumi
Prof. Dr. Marwa Taha Moustafa Sarg
Faculty of Pharmacy (Girls) Al-Azhar University (2016).



- 5- Design and Synthesis of Novel Quinoxaline Derivatives as Potential Anticancer Targeting Therapeutics.
Thesis Presented by Aliya Mohamed Shaker El Newahie

Under the supervision of Dr. Khaled A. M. Abouzid
Professor of Pharmaceutical Chemistry Dr. Dalal A. Abou El Ella

Dr. Nasser Saad Mohamed
Ain Shams University Faculty of Pharmacy Ain Shams University (2016).

- 6- Characterization and Pharmacological Evaluation of Some Heterocyclic Compounds. Thesis presented by Marwa Ahmed Saleh Mohamed
Supervision of Dr. Ashraf Hassan Mohamed Bayoumi
Dr. Yousry Ahmed Ahmed Ammar
. Dr. Eman Abd El-Maboud Hamed Fayed
Al-Azhar University Faculty of Pharmacy (Girls) (2016)

- 7- Synthesis of Some New Heterocyclic Compounds of Pyrazolo[3,4-d]Pyrimidine Nucleus for Pharmaceutical Testing
Thesis presented by Ahmed Adel Gaber
Under Supervision of Prof. Dr. Ashraf Hassan Bayoumi
Ass. Prof. Dr. Ahmed Mohammed El-morsy
Dr. Farag Farouk Sherbiny
Faculty of Pharmacy, Al-Azhar University (2016) (A.D.) – 1437 (A.H.)

- 8- "Molecular Modeling, Synthesis and Anticancer Activity of Pyrazolo-Triazine Derivatives"
Thesis Presented by Mazin Abed Alghani Najm
Under the supervision of Prof. Dr./Khaled A. M. Abouzid
Dr. / Rabah A.T. Serya
Faculty of pharmacy Ain shams university (2017).



9- Synthesis and Biological Evaluation of Novel Spirooxindoles Scaffolds

Thesis presented by Gehad Lotfy Lotfy Mohammed El-Arag
Supervision Prof. Dr. Mohamed Mokhtar Amin Said
Prof. Dr. El Sayed H. El Ashry, D.Sc.
Prof. Dr. El-Sayed Hussein El-Tamany
Faculty of Pharmacy, Suez Canal University sheet (2017)

10- Synthesis, Docking and Antimicrobial Evaluation of Novel Heterocyclic Compounds Containing Sulfadiazine Moiety

THESIS Presented by Amel Sabry Younes Sewif
Under the Supervision of Prof. Dr. Hend M. A. El.Sehrawi
Ass. Prof. Dr. Amel M. Farrag
Faculty of Pharmacy (Girls) Al-Azhar University (2017).

11- SYNTHESIS AND ANTIBACTERIAL EVALUATION OF PHENOTHIAZOLE DERIVATIVES VRSUS METHICILLIN RESISTANT STAPHYLOCOCCUS

AUREUS Thesis presented by By Eman Yahia Mohamed
Under supervision Prof. Dr. Ashraf Hasan Bayoumi
Dr. Abdelrahman Salah Mayhoub
Dr. Eman Abd El-Maboud Hamed Fayed
Faculty of Pharmacy Al-Azhar University (2017)

12- Targeting Certain Kinases with Pyrimidine Derivatives: Design, Synthesis and Anticancer Evaluation.

Thesis presented by Fatma Mohammed Ahmed
Under the supervision of Prof. Dr. Khaled A. M. Abouzid
Dr. Deena S. Lasheen
Ain Shams University Faculty of Pharmacy Ain Shams University(2019)

13- Design and synthesis of novel fused pyrazolopyrimidine derivatives with expected anticancer activity.

Thesis presented by Eman Sadek Abou Amra Ibrahim

Under the Supervision of Prof. Dr. Aisha Youssif Hassan Helali

Prof. Dr. Mona Sayed Salem Kadh
Dr. Nashwa Mostafa Saleh Nady
Faculty of Science (Girls) Al-Azhar University. (2019)

14- Synthesis of some new Heterocyclic Derivatives of Pyrazollo[3,4-d]Pyrimidine Nucleus for Biological Testing.

Thesis presented by Ahmed Adel Gaber.

Under supervision of Prof. Dr. Ashraf Bayoumi

Assoc. Farag Farouk Sherbiny

Dr. Eslam Elkaeed

Faculty of Pharmacy –Al Azhar University (2020) A.D.-
(1441) A. H.

15- Design, Synthesis and Molecular Modeling Study of New 2-Thioquinazolin-4-one Based Derivatives as Anticancer Agents

Targeting HSP90 Enzyme

Thesis presented by

Hamed Wahieb Hamed El-Shafey

Faculty of Pharmacy –Mansoura University (2020).

16- Synthesis of some novel heterocyclic compounds containing nitrogen and/or oxygen atom and evaluation of their possible anticancer activity.

Faculty of Pharmacy (Girls), AlAzhar University-2023

c) Training and Attendance of conferences :

▪ Faculty and Leadership Development Project (FLDP) Programs:

➡ Youth skills development– Faculty of Agriculture - Cairo University– Nov.

2004.

➡ Effective Presentation Skills– Faculty of Media – May 2005

➡ Administrative Skills– Faculty of Pharmacy – Cairo University – June 2005.

➡ Assurance of Quality- Faculty of Pharmacy-February 2006.



- ➡ Meetings effective administration-Nursing Institute- Cairo University- March 2006.
- ➡ Utility of new technology in teaching – Cancer Institute-Cairo University- June 2006.
- ➡ International Publishing- Nursing Institute- Cairo University- July 2006. ➡ Training Course in "Computer Aided Drug Design Using Molecular Modeling Program-Pharmacy college , Cairo University, "CIQAP"July 2009.
- ➡ Training course in "Legal and Financial Aspects in University Environment" Cairo University- November 2010.
- ➡ Training Course in "Communication Skills" Cairo University- April 2011. ➡ Training Course in "**The Credit Hour Systems**" Faculty of Medicine, Cairo University- December 2011.
- ➡ Training course in "Code of Ethics and Ethical Conduct" Faculty of Medicine, Cairo University-February 2012.
- ➡ Training course in "Organizing Scientific Conferences" Cairo University-May 2012.
- All under supervision of faculty and leadership development project, Cairo University.

Conferences:

- Al-Azhar International conference for pharmaceutical & biological sciences, Cairo Feb. (2003), (2006).
- DUPHAT Dubai International Pharmaceuticals and Technologies Conference 2007, 2008, 2009
- Titles:

Design, synthesis and blood pressure lowering activity of certain tetrahydrobenzthiophene derivatives with arylpiperazinyl side chains.

Dr. Khaled Abouzid , Dr. Azza Taher , Dr. Mona Kamel.

Design and synthesis of some floctafenine derivatives of expected selective COX2 inhibitor activity.

Dr. Azza Taher, Dr. Gihan Hegazy.

Synthesis of some selected quinoxaline compounds of pharmaceutical interest.

Prof. Dr. Mohammed Shabaan, Dr. Azza T. Taher and Eman Omar.

Design and synthesis of 4-oxo-1,2,4-triazolo[4,3-a]quinoxaline derivatives for evaluation of in-vitro antitumor and antimicrobial activities.

Dr. Azza T. Taher, Dr. Nadia A. Khalil and Dr. Eman M. Ahmed.

- Egyptian Pharmaceutical Society December 2011

Synthesis of new thiopyrimidine derivatives analogues to thiouracil and their evaluation as antitumor and antimicrobial agents.

Azza T. Taher and Amira A. Helwa.

Synthesis of new 1,3,4-benzotriazepin-5-one derivatives and their biological evaluation as antitumor agents.

Azza T. Taher * and Lamiaa Wagdy.

- Third International Scientific Conference in Faculty of pharmacy – Cairo University April 25-26. 2012

Novel pyrimidinone derivatives; synthesis, antitumor and antimicrobial evaluation.

	<p>Azza T. Taher and Amira A. Helwa.</p> <ul style="list-style-type: none"> Fourth International Scientific Conference in Faculty of pharmacy – Cairo University April 25-26.2013 <p>Novel pyrano[2,3-d]pyrimidine derivative; synthesis, anti-inflammatory and analgesic evaluation.</p> <p>Afaf K. El-Ansari, Azza T. Taher, Ahmed Rahmany, Wafaa El-Eraky and Sally El-Awadan.</p> <ul style="list-style-type: none"> Fourth International Scientific Conference in Faculty of pharmacy – Cairo University April 25-26.2013 <p>Synthesis of Certain 2-Substituted-1<i>H</i>-Benzimidazole Derivatives as Antimicrobial and Cytotoxic agents.</p> <p><u>Azza Taher Taher,*</u> Nadia Abdalla Khalil, Eman Mohamed Ahmed, and Yasser Mohamed Ragab.</p> <p><u>As Reviewer in conferences</u></p> <ul style="list-style-type: none"> Fifth International Scientific Conference in Faculty of pharmacy – Cairo University April 24-25.2014 <p>As a Reviewer [12 researches]</p> <ul style="list-style-type: none"> Ain Shams University –Faculty of Pharmacy, April 2018 As a Reviewer.
V- Awards:	<ul style="list-style-type: none"> -Patent number EG/P/2022/ 590 Date 21/4/2022
VI- Memberships in the committee:	<ul style="list-style-type: none"> Scientific Committee for Staff Promotion
VII- Other activities:	<ul style="list-style-type: none"> <u>Evaluation projects</u> <p>Title of Project</p> <p><i>Investigation of the efficiency of topical products containing novel celecoxib analogues against UVB-induced skin damage</i></p>



Title of Project

Synthesis of new triazole derivatives with expected anti-inflammatory activity

Title of Project

Synthesis and biological evaluation of certain new pyrazole derivatives

Title of Project

"Design, synthesis and biological evaluation of novel acrylic acid derivatives acting as cyclooxygenase and lipoxygenase inhibitors with anti-inflammatory activity."

■