

Curriculum Vitae
Prof. Dr. Ghaneya Sayed Hassan Ibrahim

Professor of Pharmaceutical Chemistry
Pharmaceutical Chemistry Department
Faculty of Pharmacy
Cairo University, Egypt

Prof. Dr. Ghaneya Sayed Hassan
Family name: Hassan
First name: Ghaneya
Sex: Female
Nationality: Egyptian



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Degrees awarded:

- B. Pharm. Sciences 1986.
- M. Sc. Pharm. Chem. 1993 (Title: Studies on Furochromones).
- Ph. D. Pharm. Chem. 1998 (Title: Synthesis and Pharmacological Studies of Some Benzopyrone derivatives).
- Assistant professor of Pharmaceutical Chemistry (April 2007), Faculty of Pharmacy, Cairo University.
- Professor of Pharmaceutical Chemistry (from 29-4-2012 till now), Faculty of Pharmacy, Cairo University.

Working Experience:

- Demonstrator 1987.
- Assistant Lecturer 1993.
- Lecturer 1998.
- Associate professor April 2007.
- Professor April 2012.
- Participation in teaching Pharmaceutical Chemistry courses theoretical and practical for third year (old system) and fourth year (new system).
- Participation in preparation of the theoretical and practical notes of Pharmaceutical Chemistry for third year (old system) and fourth year (new system).
- Participation in teaching theoretical special courses for master's students.
- Participation in the development of the Pharmaceutical Chemistry syllabus.

- Supervision of Pharmaceutical Chemistry, Faculty of Pharmacy, Ain Shams University (1999 – 2000 & 2000 – 2001).
- Supervision of Pharmaceutical Chemistry, Faculty of Pharmacy, MIU (2005 – 2006 and 2006-2007).
- Participation in teaching Medicinal Chemistry, Pharmaceutical Sciences Department, Faculty of Clinical Pharmacy, King Faisal University, Saudi Arabia (2008-2009)
- Participation in teaching Pharmaceutical Chemistry, Faculty of Pharmacy, Nahda University, Bani Suief (2009-2010, 2010-2011 and 2011 – 2012).
- Supervision of Pharmaceutical Chemistry, Pharmaceutical Chemistry Department, Faculty of Pharmacy, October 6 University (2012 – 2013).
- Head of Pharmaceutical Chemistry Department, Faculty of Pharmacy, October 6 University (2012 – 2013).
- Supervision of Pharmaceutical Chemistry, Faculty of Pharmacy, Cairo University (2013 till now).
- President of the Control band first - Faculty of Pharmacy, Cairo University (2013-2014, 2014-2015, and 2015-2016).
- Participation in teaching medicinal chemistry, Pharmaceutical Chemistry Department, Faculty of Clinical Pharmacy, King Abdulaziz University, Saudi Arabia (2016-2017)
- President of the Control band fourth - Faculty of Pharmacy, Cairo University (2017-2018).
- President of the Control band fifth - Faculty of Pharmacy, Badr University in Cairo, Egypt (2018, till now)
- Head of Pharmaceutical Chemistry Department, Faculty of Pharmacy, Badr University in Cairo, Egypt (2020, till now)
- Participation in teaching Pharmaceutical Chemistry, drug design and drug targeting, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Badr University in Cairo, Egypt (from 15/9/2018, till now).
- Head of Pharmaceutical Chemistry Department, Faculty of Pharmacy, Badr University in Cairo, Egypt (from 1/11/2020, till now).

- Supervision and Discussion of both M. Sc. and Ph. D. students:

1-Title: Synthesis and pharmacological studies of some furochromones. Degree: M.Sc. Name of Researcher: Yassin Mohammed Nissan.

Start Date: 12/7/2000. Finishing Date: 18/ 5/ 2006.

2- Title: Synthesis and biological evaluation of some novel benzopyran derivatives. Degree: M.Sc. Name of Researcher: Twiffik Ahmed Ali Yahii. Start Date: 15/5/2005. Finishing Date: 13/12/2007.

3- Title: Synthesis of certain benzofuran and benzopyran-4-one derivatives with anticipated pharmacological activities.

Degree: Ph.D. Name of Researcher: Yassin Mohammed Nissan.

Start Date: 17/ 10/ 2006. Finishing Date: 11/11/2009.

4- Title: Synthesis and biological activity of certain flavonides.

Degree: Ph.D. Name of Researcher: Twiffik Ahmed Ali Yahii.

Start Date: 20/ 4/ 2008. Finishing Date: 9/6/2010.

5- Title: Design and Synthesis of a novel group of heterocyclic glycosides with expected biological activity.

Degree: Ph.D. Name of Researcher: Aymen Abd El-Fattah Basdowry

Start Date: 11/ 11/ 2009. Finishing Date: 17/3/2013

6- Title: Synthesis of certain heterocyclic derivatives of anticipated anti-neoplastic activity. Degree: M.Sc. Name of Researcher: Shimaa Said Zaki

Koddb. Start Date: 20/6/ 2010. Finishing Date: 29/8/2015

7- Title: Synthesis and Antimicrobial Activity of Some new Beta-Lactam Derivatives. Degree: M.Sc. Name of Researcher: Loaa Ramadan Hymida Khelifa.

Start Date: 20/6/ 2010.

9- Design, synthesis and biological screening of pyrazole and pyrazolopyrimidine derivatives as anticancer agents. Degree: M.Sc. Name of Researcher: Esraa Abd El-Menam Abd El-Hamid. Start from: 15/1/2013. Finishing Date: 4/3/2017.

10- Design and synthesis of heterocyclic compounds derived from pyrazole of expected anticancer activity.

Degree: M.Sc. Name of Researcher: Zeinb Badr Mohamed Badr. Start from 17/3/2013 till now.

11- Spectrophotometric methods - Chromatographic methods - Drugs e.g.

Diacerein, Bumadizone, Lonazolac, Loxoprofen and Tolfenamic acid - prodrugs.

Degree: Ph.D. Name of Researcher: Enass Taha Abd El-Hamid Morsii. Start Date: 21/4/2013. Finishing Date: 13/1/2018

12- Synthesis and biological evaluation of some new pyrazoline derivatives.

Degree: M.Sc. Name of Researcher: Gehad Kamal El-Din Hussien Ahmed. Start Date: 16/6/2013. Finishing Date: Till Now

13- Synthesis and Molecular Modeling of Benzopyrone and Furobenzopyrone Derivatives with Biological Activity

Degree: Ph.D. Name of Researcher: Mohammed Ibrahim Abdel Latif Hamed

Start Date: 10/10/2013. Finishing Date: 27/4/2016.

14- Synthesis and biological evaluation of some novel quinoline derivatives as antiprotozoal and anthelmintic agents

Degree: M.Sc. Name of Researcher: Rozine Abd-Allh Elbaka. Start Date: 16/1/2014. Finishing Date: Till Now.

15- Design, Synthesis and Molecular Modeling Study of 1,2,4-triazolo[1,5-*a*] pyrimidines with potential biological activities.

Degree: M.Sc. Name of Researcher: Rehab Hamed Abd El-Alim. Start Date: 19/6/2014. Finishing Date: 16/7/2018.

16- Design, Synthesis and Molecular Modeling study of 2-Substituted imino-5-Arylidene-4-thiazolidinone derivatives as non-nucleoside inhibitors of Hepatitis C Virus (HCV) NS5B Polymerase.

Degree: M.Sc. Name of Researcher: Esraa Zakaria Mohamed. Start Date: 22/9/2014. Finishing Date: 30/9/2017.

17- Aurones and furoaurones: synthesis and antitumor activity.

Degree: Ph.D. Name of Researcher: Eman Raffat Mohamed Kamal Hassan.

Start Date: 22/12/2014. Finishing Date: 30/10/2017.

18- "Design and synthesis of some nitric oxide and hydrogen sulphide donors as anti-inflammatory agents".

Degree: M.Sc. Name of Researcher: Noha Mohamed Ibrahim. Start Date:

14/1/2015. Finishing Date: 20/1/2018.

19- Synthesis and Molecular Modeling Study of Some Novel Pyrazole Derivatives as Potential Anticancer Agents.

Ph.D. Name of Researcher: Esraa Zakaria Mohamed. Start Date: 22/3/2018.

Finishing Date: 30/8/2021.

20- Thiazolidinone derivatives: Design, synthesis and biological evaluation as hypoglycemic agents.

Ph.D. Mona Ahmed Gamal El-Dien Teleb. Start Date: 3/7/2018. Finishing Date: till now.

Discussion of both M. Sc. and Ph. D. students:

- "Synthesis of some new coumarin derivatives of potential biological activity"
Degree: M. Sc.

Name of Researcher: Nesma Ma'moun Mohammed Kahk

Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Beni-Suef University

- "Design, synthesis and biological evaluation of novel isatin derivatives as potential anti-cancer agents". Degree: Ph.D.

Name of Researcher: Hany Said Ibrahim

Pharmaceutical Chemistry Department, Faculty of Pharmacy, Egyptian Russian University. Discussion on Saturday 20/2/2016

- "Synthesis and Anticancer Screening of Novel Series of Tetrahydro Naphthalene Incorporated into Different Heterocycles". Degree: M. Sc

Name of Researcher: Mohamed Sabry Abd-rabou

Medicinal Chemistry, Faculty of Pharmacy, Zagazig University

Discussion on Saturday 25/3/2016

- "Design, Synthesis and Biological Evaluation of Some Novel Pyrrole and Pyrrolopyrimidine Derivatives". Degree: M. Sc.

Name of Researcher: Menna-Allah Mohamed Ahmed Abd El-Mageed

Pharmaceutical Chemistry Department, Faculty of Pharmacy, Cairo University.

Discussion on Thursday 26/5/2016.

- "Molecular Modeling, Synthesis and Anticancer Activity of Pyrazolo-Triazine Derivatives". Degree: M. Sc.

Name of Researcher: Mazin Abd El-Khany Negm

Pharmaceutical Chemistry Department, Faculty of Pharmacy, Ain Shams University. Discussion on 14/7/2017.

- "Synthesis, Antitumor Evaluation and Molecular Modeling Studies of Some New Benzopyranone Derivatives" Degree: Ph.D.

Name of Researcher: Lina Mohamed Amin Abdel Ghany

Pharmaceutical Chemistry Department, Faculty of Pharmacy, Misr University for Science & Technology. Discussion on 29/10/2017.

- "Synthesis and Biological Evaluation of Certain Pyrazole Derivatives Derived from Natural Products and Other Synthetic Analogues" Degree PhD

Name of Researcher: Ahmed Abbas Mohamed Abdelrahman Selim

Pharmaceutical Chemistry Department, Faculty of Pharmacy, Cairo University. Discussion on Wednesday 21/10/2020.

- Design and Synthesis of Substituted Pyrazole Derivatives of Anticipated Anti-Inflammatory Activity. Ahmed Hassan Abdel Aziz Abusabaa

Faculty of Pharmacy - Beni-Suef University. Discussion on Thursday 24/2/2022.

Work-shop and conferences attended:

1- Talents of effective communication.

2- Talents of effective presentation.

3- Academic talents.

4- Modern methods in teaching.

5- Teaching using new technology.

6- The 2nd International Conference of Chemical Industries Research Division, National Research, November 21– 23, 2006.

7- ECDL in computer sciences November-December 2007.

8- 1st Scientific Conference of Faculty of Pharmacy Cairo University about "Pharmacy Role in Community Health Promotion". March, 29th, 2008.

9- 2nd Scientific Conference of Faculty of Pharmacy Cairo University about "Quality Assurance in Pharmacy Education". April, 26th, 2010

10- 1st Scientific Conference of Faculty of Pharmacy, Cairo University. March, 29th, 2008

11- 5th International Conference of Scientific Research and its Applications, Cairo University. December 21-24, 2009

12- 2nd Scientific Conference of Faculty of Pharmacy, Cairo University. April 26th, 2010

13- 32nd Conference of Pharmaceutical Sciences, Egyptian Pharmaceutical Society. December, 20-22, 2011

14- Co-worker in project entitled: "Design, Synthesis and Evaluation of Cardiovascular Activity of Novel Substituted Coumarin Derivatives".

Funded by Cairo university (1 Jan 2009- 31 Dec 2010).

15- Supreme Council of Universities Central Unit of ICT Training (CUICTT), Improving Higher Education Workforce ICT skills Project.

For attendance and passing the examination the training program "Staff Member 1" according the following Syllabus: Basic Concepts of IT, Using Computer and Managing Files, Word Processing, Spreadsheets and Introduction to PC Maintenance and Protection. "Aug 11, 2008".

16- Supreme Council of Universities Central Unit of ICT Training (CUICTT), Improving Higher Education Workforce ICT skills Project.

For attendance and passing the examination the training program "Staff Member 2" according the following Syllabus: Presentations, Database, Information and Communication. "Aug 11, 2008".

17- "Computer Aided Drug Design Using Molecular Modeling Programs" 1/7/2009 – 2/7/2009

18- Faculty and Leadership Development Center "FLDC" – Cairo University. Training Course in "International publishing of Research", 14-16/3/2011

19- The training workshop "Bioinformatics BTC-003", held at Biotechnology Centre, Faculty of Pharmacy, Cairo University. (2-7 July 2011).

20- Faculty and Leadership Development Center "FLDC" – Cairo University. Training Course in "The Credit Hour Systems", 14-16/11/2011

21- 5th Scientific Conference of Faculty of Pharmacy, Cairo University. Pharmacy at the Cutting-edge: Facing Future Challenges. April 23rd-24th, 2014

22- A certificate of attendance and met the standards required for completion of a training course in Meeting & Managing Time. Held from 20/4/2015 to 21/4/2015

23- 6th Scientific Conference of Faculty of Pharmacy, Cairo University. 2020 Vision of Pharmacy in Egypt. April 25th -26th, 2015.

24- A certificate is presented in this conference for best international manuscript in Pharmaceutical Chemistry (2014)

25- A certificate of attendance and met the standards required for completion of a training course in Meeting & Managing Time. Held from 20/4/2015 to 21/4/2015

26- 6th International Scientific Conference of Faculty of Pharmacy, Cairo University Entitled "2020 Vision for Pharmacy in Egypt" - April 25th - 26th, 2015

27- 7th International Scientific Conference of Faculty of Pharmacy, Cairo University Entitled "Translational Research in Pharmacy: from Bench to Market" - April 16th - 17th, 2016

28- 8th International Scientific Conference of Faculty of Pharmacy, Cairo University Entitled "Pharmacy in Egypt: Ensuring Access to Health" - April 22nd, 2017

29- 9th International Scientific Conference of Faculty of Pharmacy, Cairo University entitled "Towards Globally Recognized Pharmaceutical Ingredients: A National Priority" April 25th - 26th, 2018

Reviewer role:

Reviewer in international journal:

1. Bulletin of Faculty of Pharmacy, Cairo University (BFOPCU)
2. Future Journal of Pharmaceutical Sciences (FJPS)
3. Journal of Advanced Pharmaceutical Technology & Research (JAPTR)
4. Journal of Advanced Research (JAR)
5. Journal of Saudi Chemical Society (JSCS)
6. Bulletins of the Pharmaceutical Society of Japan
7. Bioorganic Chemistry (BIOORG)
8. European Journal of Medicinal Chemistry.
9. Medicinal Chemistry Research.
10. Molecules.
11. European Journal of Chemistry.
12. International Journal of Medicinal Chemistry

Social Activities:

- Member of the Syndicate of Pharmacists.
- Member of the Egyptian Pharmaceutical Society.
- Member of the "Performance Appraisal and Development Unit".

Work Address:

- Pharmaceutical Chemistry Dept., Faculty of Pharmacy, Cairo University, El-Kasr El-Aini St., Cairo 11562.

Tel.: 00202/36393077, Fax. 00202/3628426

Home Address:

45 El-Salam St., Arafat City, El-Materia, Cairo, Egypt.

Tel.:00202/22517933 & 01017978915 & 01001115527

E-mail: ghanmoom2@yahoo.com.

Teaching activity:**Undergraduate:**

- 1- Teaching of Pharmaceutical Chemistry (old curriculum) for third year students, Faculty of pharmacy, Cairo University.
- 2- Teaching of Pharmaceutical Chemistry (curriculum 802) for fourth year students, Faculty of Pharmacy, Cairo University.
- 3- Teaching of Pharmaceutical Chemistry (curriculum 801) for fourth year students, Faculty of Pharmacy, Cairo University.
- 4- Teaching of Pharmaceutical Chemistry (curriculum 803) for fifth year students, Faculty of Pharmacy, Cairo University.

- 5- Oral examiner for undergraduate students in colleges of pharmacy in a number of Egyptian Universities: Cairo, Ain Shams, Alexandria, Assiut, Zagazik, 6th of October, MIU, MSA.
- 6- Course Coordinator of the Performance Appraisal and Quality Assurance Unit (PAQU) in the department of Pharmaceutical Chemistry for the fourth year (old curriculum) and the fifth year (803), Faculty of Pharmacy, Cairo University, 2005-2008.
- 7- An active member of the training committee in the Performance Appraisal and Quality Assurance Unit (PAQU), Faculty of Pharmacy, Cairo University, 2011.
- 8- Participating in the preparation of the course specifications and ILOs of undergraduate pharmaceutical chemistry (old curriculum).
- 9- Supervising the summer training of undergraduate students, Faculty of Pharmacy, Cairo University.
- 10- Co-author in the department practical and theoretical booklets.
- 11- Teaching of Medicinal Chemistry I, II and III, Faculty of Pharmacy, Nahda University (NUB) 2010-2011 and 2011-2012.
- 12- Teaching of Pharmaceutical Chemistry I and II, Head of Pharmaceutical Chemistry Department, Faculty of Pharmacy, 6th October University (O6U) 2012-2013
- 13- Teaching of Pharmaceutical Chemistry I, II, III and Drug Design, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Cairo University 2013-2018
- 14- Teaching of Pharmaceutical Chemistry I, II, III and Drug Design, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Badr University in Cairo, Egypt, September 2018 till Now

Postgraduate:

- 1- Participation in teaching of Pharmaceutical Chemistry Theoretical Special Courses for master students Faculty of Pharmacy, Cairo University.
- 2- Participation in teaching of Pharmaceutical Chemistry Theoretical Elective Courses (Advanced Techniques in Analysis) for master students Faculty of Pharmacy, Cairo University from 2009 till now.

List of publications

1- Synthesis and Antispasmodic Effect of Certain Furochromones.

F.A. Ragab, M.M. Hanna, M.M. Hussein, G.S. Hassan and S.A. Kenawy, Egypt. J. Pharm. Sci., 33, 3, 615-630 (1992).

2- Synthesis, anticonvulsant and antimicrobial activities of certain new furochromones.

F.A. Ragab, M.M. Hanna, M.M. Hussein, G.S. Hassan and S.A. Kenawy, Pharmazie, 48, 808-811 (1993).

3- Synthesis and biological evaluation of certain new 5-membered heterocycles.

M.M. Hussein, G.S. Hassan and H.E. Abou-Youssef, Bull. Fac. Pharm. Cairo Univ., 41 (20), 11-24 (2003).

4- Synthesis of Novel 1,3,4-Trisubstituted Pyrazole Derivatives and Their Evaluation as Antitumor and Antiangiogenic Agents.

Ashraf Hassan Abadi, Amal Abdel Haleem Eissa and Ghaneya Sayed Hassan, Chem. Pharm. Bull. (Tokyo) 51 (7), 838-844 (2003).

5- Synthesis and Pharmacological Evaluation of Certain Furo-1,3-Benzoxazole and Furo-1,4-Benzoxazine Derivatives as Analgesic, Antipyretic and Anti-inflammatory agents.

Ghaneya S. Hassan, Alex. J. Pharm. Sci., 18 (2), 129-137 (2004).

6- Synthesis of Some Potential Antiestrogenic Agents.

Hany M. Safwat, Gehan H. Hegazy, Ghaneya S. Hassan, Bull. Pharm. Sci. Assiut Univ., 28 (1), 27-35 (2005).

7- Synthesis of Furo-salicylanilides and Their Heterocyclic Derivatives with Anticipated Molluscicidal Activity.

Ghaneya Sayed Hassan, Gehan Hegazy Hegazy, Hany Mohamed Safwat, Arch. Pharm. Chem. 339, 448-45 (2006).

8- Synthesis and anticonvulsant activity of thiazolidin-4-one derivatives carrying a furochromone or benzofuran moiety.

Fatma A. Ragab, Hany M. Safwat, Mohammed M. Hussein, Nagwa M. Abd-El Gawad, Ghaneya S. Hassan, Bull. Fac. Pharm. Cairo Univ. 44 (3), 71-82 (2006).

9- Synthesis and anticonvulsant activity of new 4-thiazolidinones and 2-thioxo-4-imidazolidinones attached to 4-oxo and thioxobenzopyranes.

Fatma Abd El-Fattah Ragab, Nahed Mahmoud Eid, Ghaneya Sayed Hassan, Yassin Mohamed Nissan, Bull. Fac. Pharm. Cairo Univ. 44 (3), 83-93 (2006).

10- Synthesis of 6 and 9-Alkylaminomethyl Furoflavones as Gastroprotective Agents.

Fatma A. Ragab, Ghaneya S. Hassan, Hanan A. Yossef, Hanna A. Hashem, Eur. J. Med. Chem. 42, 1117-1127 (2007).

11- Spectrophotometric and HPLC methods for the determination of Tizanidine HCl in pharmaceutical dosage form.

Ramzia I. El-Beggary, Asmaa A. El-Zaher and Ghaneya S. Hassan.
Bull. Fac. Pharm. Cairo Univ. Special Issue 46 (1), 283-290 (2008).

12- Design and Synthesis of Novel Benzopyran-2-one Derivatives of Expected Antimicrobial Activity through DNA-Gyrase B Inhibition.

Ghaneya S. Hassan, Nahla A. Farag, Gehan H. Hegazy, Reem K. Arafa. Arch. Pharm. Chem. Life Sci., 341, 725–733 (2008).

13- Synthesis and Anticonvulsant Activity of 4-Oxo and 4-Thioxo-8-Bromobenzopyranes Derivatives

Fatma Abd El-Fattah Ragab, Ghaneya Sayed Hassan, Hanan Al-Sayed Abu Yossef, Tawfeek Ahmed Ali Yahya, Arzneimittel-Forschung Drug Research, 60 (4); 171–176 (2010).

14- Design, synthesis and anti-ulcerogenic effect of some of furo-salicylic acid derivatives on acetic acid-induced ulcerative colitis.

Ghaneya S. Hassan, Gamal A. Soliman.
Eur. J. Med. Chem. 45, 4104–4112 (2010).

15- Design, Synthesis, and Docking Studies of Novel Diarylpyrazoline and Diarylisoxazoline Derivatives of Expected Anti-inflammatory, and Analgesic Activities

Gehan Hegazy Hegazy, Ghaneya Sayed Hassan, Nahla Ahmed Farag, Amal Yousef.
Life Science Journal, 8 (1), 487–496 (2011).

16- Novel Diphenylamine 2,4'-Dicarboxamide Based Azoles as Potential Epidermal Growth Factor Receptor Inhibitors: Synthesis and Biological Activity.

Sahar Mahmoud Abou-Seri, Nahla Ahmed Farag, Ghaneya Sayed Hassan
Chem. Pharm. Bull. (Tokyo) 59 (9) 1124–1132 (2011).

17- Design, synthesis and vasorelaxant evaluation of novel coumarin–pyrimidine hybrids

Kamilia M. Amin, Fadi M. Awadalla, Amal A.M. Eissa, Sahar M. Abou-Seri, Ghaneya S. Hassan
Bioorganic & Medicinal Chemistry, 19, 6087–6097 (2011).

18- Synthesis and in vitro cytotoxic activity of novel pyrazolo[3,4-d]pyrimidines and related pyrazole hydrazones toward breast adenocarcinoma MCF-7 cell line

Ghaneya Sayed Hassan, Hanan Hassan Kadry, Sahar Mahmoud Abou-Seri, Mamdouh Moawad Ali, Abeer Essam El-Din Mahmoud
Bioorganic & Medicinal Chemistry 19, 6808–6817 (2011).

19- Design and synthesis of some piperazinomethyl benzofuran derivatives and preliminary investigation of their hypotensive activity as α 1-adrenoreceptor antagonists

Ghaneya S. Hassan

Int. J. Pharm. Pharm. Sci. 3 (4) 441–449 (2011).

20- Benzoxepin derivatives: design, synthesis, and pharmacological evaluation with sedative–hypnotic effect

Nagwa M. Abdel Gawad, Ghaneya S. Hassan, Hanan H. Georgey, Hesham Y. El-Zorba.

Med. Chem. Res. 21, 747–759 (2012).

21- Design and synthesis of some pyrazole derivatives of expected anti-inflammatory and analgesic activities

Nagwa M. Abd-El Gawad, Ghaneya S. Hassan, Hanan Hanna Georgey

Med. Chem. Res. 21, 983–994 (2012).

22- Synthesis and Anti-inflammatory Activity of Some Benzofuran and Benzopyran-4-one Derivatives

Fatma Abd El-Fattah Ragab, Nahed Mahmoud Eid, Ghaneya Sayed Hassan, and Yassin Mohammed Nissan

Chem. Pharm. Bull. (Tokyo) 60 (1) 110–120 (2012).

23- Synthesis and in vitro anti-tumor activity of new imidazole and thienoimidazole thioglycosides

Elgemeie G.H, K.M. Amin, O.M. El-Badry, G.S. Hassan, A.B. Farag, C.Velazquez, A.O.El-Kadi

Journal of American Science 8 (12), 1071–1076 (2012).

24- Synthesis and Biological Evaluation of Novel Coumarin-Pyrazoline Hybrids Endowed with Phenylsulfonyl Moiety as Antiproliferative Agents

Kamilia M. Amin, Amal A. M. Eissa, Sahar M. Abou-Seri, Fadi M. Awadalla, Ghaneya S. Hassan

Eur. J. Med. Chem. 60, 187–198 (2013).

25- Synthesis and biological evaluation of some substituted-2-N-(5'-chloro-2'-methoxy-4'-methylbenzenesulphonyl) glutamic acid derivatives against prostate cancer cell line PC3

Ghaneya Sayed Hassan, Doaa Ezzat Abdel Rahman

Chem. Pharm. Bull. (Tokyo) 61 (2) 212–221 (2013).

26- Celecoxib analogs bearing benzofuran moiety as cyclooxygenase-2 inhibitors: Design, synthesis and evaluation as potential anti-inflammatory agents

Ghaneya Sayed Hassan, Sahar Mahmoud Abou-Seri, Gehan Kamel, Mamdouh Moawad Ali

European Journal of Medicinal Chemistry 76, 482-493 (2014).

27- Design, Synthesis and In vitro Anti-tumor Evaluation of Novel Acrylohydrazone Thioglycosides

Galal H. Elgemeie, Nahed M. Fathy, Ayman B. Farag, Ossama M. El-Badry, Ghaneia S. Hassan, Kamelia M Amin and Fathi Halaweish

Med chem. Volume 4(4): 400-406 (2014).

28- Benzofuran–Morpholinomethyl–Pyrazoline Hybrids as a New Class of Vasorelaxant Agents: Synthesis and Quantitative Structure–Activity Relationship Study

Ghaneya Sayed Hassan, Doaa Ezzat Abdel Rahman, Dalia Osama Saleh, and Gehad Abdel Raheem Abdel Jaleel

Chem. Pharm. Bull. (Tokyo) 62 (12) 1238-1251 (2014)

29- Synthesis and anticancer activity of some 8-substituted-7-methoxy-2H-chromen-2-one derivatives toward hepatocellular carcinoma HepG2 cells

Kamilia M. Amin, Sahar M. Abou-Seri, Fadi M. Awadallah, Amal A.M. Eissa, Ghaneya S. Hassan, Mohamed M. Abdulla

European Journal of Medicinal Chemistry 90, 221-231(2015).

30- Synthesis of novel substituted quinazoline and quinazolin-4(3H)-one derivatives of expected antitumor activity

Ghaneya S. Hassan, Hanan H. Georgey, Nashwa A. Ibrahim and Shimaa S. Zaki
Der Pharma Chemica, 7(7):106-119 (2015)

31- Synthesis of some benzothiazole derivatives evaluated as antimicrobials and antibiofilms

Ghaneya S. Hassan, Fadi M. Awdallah, Mohamed T. El-Saadi, Ahmed O. Elgendi and Loah R. Hemeda

Journal of Chemical and Pharmaceutical Research, 7(7):1125-1143 (2015).

32- Design, synthesis and biological evaluation of some new succinimide, 2-iminothiazoline and oxazine derivatives based benzopyrone as anticonvulsant agents

Sohair L. El-ansary, Ghaneya S. Hassan, Doaa E. Abdel Rahman, Nahla A. Farag, Mohammed I. Hamed, Marawan A. Baset

33- Quantitative analysis of anti-inflammatory drugs using FTIR-ATR spectrometry

Sonia T. Hassib, Ghaneya S. Hassan, Asmaa A. El-Zaher, Marwa A. Fouad, Enas A. Taha.

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 186 (2017) 59–65

34- Novel pyrazolopyrimidines: Synthesis, in vitro cytotoxic activity and mechanistic investigation

Ghaneya S. Hassan, Doaa E. Abdel Rahman, Yassin M. Nissan, Esraa A. Abdelmajeed, Tamer M. Abdelghany.

European Journal of Medicinal Chemistry 138 (2017) 565-576

35- Construction of some cytotoxic agents with aurone and furoaurone scaffolds

Ghaneya S. Hassan, Hanan H. Georgey, Riham F. George, Eman R. Mohammed
Future Med. Chem. (2018) 10(1), 27–52

36- Aurones and furoaurones: Biological activities and synthesis

Ghaneya S. Hassan, Hanan H. Georgey, Riham F. George, Eman R. Mohamed
Bulletin of Faculty of Pharmacy, Cairo University 56 (2018) 121–127

37- New pyrazole derivatives: Synthesis, anti-inflammatory activity, cyclooxygenase inhibition assay and evaluation of mPGES

Ghaneya S. Hassan, Doaa E. Abdel Rahman , Esraa A. Abdelmajeed , Rana H. Refaey, M. Alaraby Salem, Yassin M. Nissan

European Journal of Medicinal Chemistry 171 (2019) 332-342

38- Design and Synthesis of 1,2,4-Triazolo[1,5-a]pyrimidine Derivatives as PDE4B Inhibitors Endowed with Bronchodilator Activity.

Rehab H. Abd El-Aleam, Riham F. George, Kevin J. Lee, Adam B. Keeton, Gary A. Piazza, Amr A. Kamel, Mahmoud E. El-Daly, Ghaneya S. Hassan, and Hamdy M. Abdel-Rahman

Arch Pharm Chem Life Sci. (2019); e1900002.

<https://doi.org/10.1002/ardp.201900002>

39- Anti-hepatitis-C virus activity and QSAR study of certain thiazolidinone and thiazolotriazine derivatives as potential NS5B polymerase inhibitors

Ghaneya S. Hassan, Hanan H. Georgey, Esraa Z. Mohammed, Farghaly A. Omar
European Journal of Medicinal Chemistry 184 (2019) 111747

<https://doi.org/10.1016/j.ejmech.2019.111747>

40- Synthesis and biological evaluation of new prodrugs of etodolac and tolfenamic acid with reduced ulcerogenic potential

Sonia T. Hassib, Ghaneya S. Hassan, Asmaa A. El-Zaher, Marwa A. Fouad, Omnia A. Abd El-Ghafar, Enas A. Taha

European Journal of Pharmaceutical Sciences 140 (2019) 105101

<https://doi.org/10.1016/j.ejps.2019.105101>

41- New ibuprofen derivatives as H₂S and NO donors as safer anti-inflammatory agents

Ghaneya S Hassan, Gehan H Hegazy, Noha M Ibrahim & Samar H Fahim

Future Medicinal Chemistry. Vol. 11, No. 23, 2019

<https://doi.org/10.4155/fmc-2018-0467>

42- Synthesis of 1,2,4-triazolo[1,5-a]pyrimidine derivatives: Antimicrobial activity, DNA Gyrase inhibition and molecular docking

Rehab H. Abd El-Aleam, Riham F. George, Ghaneya S. Hassan, and Hamdy M. Abdel-Rahman

Bioorganic Chemistry 94 (2020) 103411

<https://doi.org/10.1016/j.bioorg.2019.103411>

43- Mechanistic selectivity investigation and 2D-QSAR study of some new antiproliferative pyrazoles and pyrazolopyridines as potential CDK2 inhibitors

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44- Synthesis, in vitro anticancer activity and in silico studies of certain pyrazole-based derivatives as potential inhibitors of cyclin dependent kinases (CDKs)

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