

CURRICULUM VITA



Qualifications

Name Prof. Dr. Mostafa Ahmed Hussein Ahmed

Birth Date: 9/4/1966

Education:

PhD in Pharmaceutical Sciences (Pharmaceutical Organic Chemistry)- Assiut University- Egypt and Kyoto University - Japan, 1996-2000 (channel system)..

Master of Pharmaceutical Sciences (Pharmaceutical Organic Chemistry) Assiut University- Egypt, 1991- 1996.

Bachelor of Pharmaceutical Sciences Assiut University- Egypt, 1984-1989.

Current Position:

Professor and Head of Pharm. Organic Chemistry Department, Faculty of pharmacy, Assiut University (4/7/2022 till now),

Mobile: 00201117461682

E-mail: mostafahussein995@yahoo.com, mhussein63@aun.edu.eg

FAX: 002-088-2345631

Address:

**Pharm. Organic Chem. Dept., Faculty of Pharmacy,
Assiut University, Assiut, EGYPT.**

Email: mhussein63@aun.edu.eg, mostafahussein995@yahoo.com,
mostafal705@yahoo.com **FAX:** +088-2332776

TEL: Office: +088-2411293

Home:+088-2319754 **Mobile:** 00201117461682

Previous Position:

Vice Dean for Development and Quality, College of Clinical Pharmacy, Al baha University, Al Baha, Saudi Arabia, 2021-Present.

Head of the Clinical Pharmacy Department, Faculty of Clinical Pharmacy, Al Baha University, Al Baha, Saudi Arabia, 2017-2018.

Professor of pharm. Organic Chemistry, Department of Pharmaceutical Chemistry, Faculty of Clinical

Pharmacy, Al baha University, Al baha, Saudi Arabia, 2012-2022.

Vice Dean for Development and Quality, Faculty of Clinical Pharmacy, Al baha University, Al baha, Saudi Arabia, 2019-2020.

Head of the Pharma. Organic Chemistry Department, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 2006- 2012.

Manager of the Quality Unit, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 2004-2012.

Director of project management unit, Assiut University, Assiut, Egypt, 2011-2012.

Professor of Pharm. Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 2011-2012.

Associate Professor of Pharm. Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 2006-2011.

Lecturer of Pharm. Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 2000-2006.

Assistant Lecturer Pharm. Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 1996-2000.

Demonstrator of Pharm. Organic Chemistry, Department of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Assiut University, Assiut, Egypt, 1991-1996.

Professional Membership:

- 1- A member of the pharmacy Syndicate since 1989 till present.
- 2- A member of the American Society for the Advancement of Science", 2000 till present.

Management of Quality Projects:

- 1- The principal investigator (**PI**) of a project titled "**Implementation of Quality Assurance System**" in Faculty of Pharmacy, Assiut University (9/2004 for 18 months).
- 2- The principal investigator (**PI**) of a project titled "**Continuous improvement and Qualification for Accreditation**" in Faculty of Pharmacy, Assiut University (3/2008 for 2.5 years).

Administrative Appointments:

Vice Dean for Development and Quality, College of Clinical Pharmacy, Al baha University, Al baha, Saudi Arabia:

Vice Dean for Quality, Development and Community Services:

- Supervising and leading quality operations and achievements of the quality standards and the requirements for program accreditation.
- Leading the Quality Committee to establish the internal quality system of the college.
- Leading the steering committee to set up procedures for college self-evaluation to apply for national (NCAAA) accreditation. The Program was evaluated by NCAAA in May 2022 and waiting for the final decision for accreditation.
- Supervising and leading the development and analysis of the college annual report to develop the recommended action plans.
- Submitting periodic reports to the College Dean on the progress of the quality vice-deanship work.
- Developing and coordinating several training programs related to quality and strategic planning.
- Supervising the units and committees linked to the vice-Deanship: Quality & accreditation unit, Training unit, Postgraduate unit, Scientific Research committee, Community Services committee, and Lab safety committee.
- Coordination with the Quality Deanship submitting the requirements for the the institutional accreditation of Al baha university.
- A member for *Selah Team* for qualification of the university employees for institutional accreditation (31 / 5 / 2020 till 22 / 11 / 2020).
- A member of College of Clinical Pharmacy Board.
- A member of Pharm. Chemistry Department, College of Clinical Pharmacy (November 2012 till May 2022).
- Liaison officer between the college and the Kingdom's Vision 2030 realization office at Al baha University (11/12/2017 till 2020).
- Coordinator of the college for the work of the electronic portal of the Vice Presidency for Graduate Studies and Scientific Research (24 / 12 / 2015 till 2020).
- Participation in preparing the strategic plan and building projects for Prince Mashary

Curriculum Development Coordinator

- Oversee technical review of curriculum proposals, including course outlines, prerequisite/co- requisite, course changes, etc.
- Ensure the accuracy of each approved document before signing off.
- Ensure that the curriculum is written in the NCAAA format.
- Ensure that the curriculum is matched with the National Qualification Framework (NQF).
- Create list of Curriculum Committee recommendations for approval by the College Foundation Committee.
- Oversee the process of self-evaluation in preparation for the national accreditation by the

- National Center for Academic Assessment and Evaluation (NCAAA).
- Responsible for a major part of the self-study report.
- Preparation of the meeting agenda and minutes.
- Review of responses to prepare the self-study report.
- Ensure that time frame is followed as planned.
- Oversee the completion of the final self-study report and producing the documents relevant to the self-study process as evidence.

Supervising the Quality and Accreditation Unit, Faculty of Pharmacy, Assiut University (2002-2012):

- Supervising and leading quality operations and achievements of the quality standards and the requirements for program accreditation.
- Leading the Quality Committee to establish the internal quality system of the college.
- Leading the steering committee to set up procedures for Faculty self-evaluation to apply for national (National Authority for Quality Assurance and Accreditation of Education NAQAAE) accreditation.
- The Program was evaluated and accredited by NAQAAE in May 2011.
- Supervising and leading the development and analysis of the faculty annual report to develop the recommended action plans.

Curriculum Development Coordinator

- Oversee technical review of curriculum proposals, including course outlines, prerequisite/co- requisite, course changes, etc.
- Ensure the accuracy of each approved document before signing off.
- Ensure that the curriculum is written in the NAQAAE format.
- Ensure that the curriculum is matched with the Reference Academic Standards (RAS).
- Create list of Curriculum Committee recommendations for approval by the College Foundation Committee.

Other experiences (Training & workshops):

- 1- Preparing courses on CD, Assiut University, 11-13/2/2003.
- 2- Establishment of internal quality system in institutions of higher education , Faculty of Agriculture, Cairo University, 7-8/ 9/ 2004.
- 3- Training course about training of trainers (TOT), Assiut University, 3-7 /6 / 2004.
- 4- Training course about professional ethics, Assiut University, 9-10 /1 / 2005.
- 5- Training course make decisions and solve problems, Assiut University, 8-11 /8 / 2005.
- 6- Modern trends in teaching and learning, Assiut University, 15-18 /10 / 2005.
- 7- Teaching and learning by technology, Assiut University, 24-27 /12 / 2005.
- 8- Design of course technology, Assiut University, 10-12 /7 / 2006.
- 9- Preparing and participating in more than 120 seminars and workshops, College of Pharmacy 2004-2009 about quality issues within the college through the quality projects within the college.
- 10- Workshop on continuous development and qualification for accreditation, Orabi St., Mohandessin, headquarters, 9/12/2007 Supreme Council of Universities.
- 11- A workshop on strategic planning, Faculty of Agriculture, Cairo University 5/3/2008.
- 12- Accreditation Standards for Institutions of Higher Education, National Quality Assurance Authority, Education and accreditation in Cairo, 2008/3/19-18.
- 13- Workshop on writing the executive plan for the plan Strategy, Cairo - Fairmont Hotel, Heliopolis, 2008/7/1.
- 14- Workshop on the mechanization project for universities, Ain Shams University Training Center 2/12/2008.
- 15- Managing the research team through a capacity development project, Assiut University 4-6/4/2009 Faculty Members.
- 16- Integrated packages for institutions of higher education to qualify teams Preparation of self-studies and credential files (TOT), National Quality Assurance Authority, Cairo, 2009/8/19-9.
- 17- The first forum for colleges with continuous development and qualification for accreditation projects, Helwan University 10/29/2009.
- 18- Integrated packages for institutions of higher education to qualify teams for External Review, Assiut University 7-19/11/2009.

- 19- A workshop on training of trainees in the field of "evaluation of Disaster Risks and Risk Reduction" TOT ", Cairo - Cabinet, , 2011 / 9/29-26
- 20- Workshop on "Joint Degrees as a Motivating Factor" to ensure quality" Four Seasons Hotel – Cairo, 2012/ 1 / 29-28
- 21- Workshop on "How to write Tempus proposals", project management unit, Fayoum University 2/2/2012.
- 22- Workshop on "Scientific Research is a Societal Necessity and future leadership, Al baha University - at the Palace Hotel, Al baha, 18-17/ 3/ 2014.
- 23- Workshop on "Contemporary Challenges in the Academic Environment" , Al baha University Al-Faleh Hotel, Al baha, 4/ 3/ 2014.
- 24- Workshop on “Mechanisms for achieving quality performance in universities emerging in the light of mutual experiences”, Al baha Palace Hotel, 4/2/2014.
- 25- Course description and field experience workshop and its report, Makarim Riyadh Hotel – Riyadh, Saudi Arabia, April 23-22, 2015.
- 26- Workshop on "Executive Plan for Completing Program Accreditation Requirements and Transitioning to National Centre formats 2020" 11/7/1442.
- 27- Training course "How to use the reference management and organization program (RefWorks) 8/2/1442.
- 28- Introductory meeting “Pharm.D Progress Test” 24/04/1442.
- 29- Lecture on "Covid-19 Prevention and Vaccine" 8/8/1442 H.
- 30- A lecture entitled "Optimal Use of Medicines" 27/11/2021.
- 31- Workshop on "Best Practices to Enhance the Impact of Scientific Research" 8/3/1442.
- 32- Training course on "Fundamentals of Scientific Research" 5-12/2/2021.
- 33- Preparing and participating in more than 40 meetings and workshops as a **member of Selah Team** for qualification of the university employees for institutional accreditation (31 / 5/ 2020 till 22 / 11 / 2020).
- 34- Preparing and participating in more than 60 meetings and workshops for establishment of the accreditation requirements and qualification of the college of pharmacy employees, Al baha University for program accreditation (22 / 8/ 2021 till 30 / 5 / 2022).

PUBLICATIONS:

1- Tetrahedron Letters; 39, 9055-9058 (1998).

A factor affecting enantioselective reaction of a ternary complex of lithium ester enolate with imine.

Takesha Kambara, *Mostafa Ahmed Hussein*, Hiroki Fujieda, Akira Iida, and Kiyoshi Tomioka.

2- Tetrahedron 55, 11219-11228 (1999).

Studies aimed at enhancement of reactivity and enantioselectivity of a lithium ester enolate using tridentate lithium amide.

Mostafa Ahmed Hussein, Akira Iida, and Kiyoshi Tomioka.

3- J. Chem. Soci. (Chem. Commun.), 715-716 (1999).

Catalytic asymmetric reaction of lithium ester enolates with imines.

Kiyoshi Tomioka, Hiroki Fujieda, Satako Hayashi, *Mostafa Ahmed Hussein*, Takesha Kambara, Yumiko Nomura, Motomu Kanai, and Kenji Koga.

4- Bull. Pharm. Sci., Assiut University, 23, 125-136 (2000).

New chiral amine ligands for enantioselective synthesis of certain (S)- and (R)-monobactams.

Mostafa A. Hussein, Abdel-Nasser El-Shorbagi, Zeinab S. Farghaly, Nabil M. Omar, and K. Tomioka;

5- Arch. Pharm. Pharm. Med. Chem.; 334, 305-308 (2001)

Synthesis and antifungal activity of 3,3'-ethylenebis(5-alkyl-1,3,5-thiadiazine-2-thiones).

Mostafa A. Hussein, Abdel-Nasser El-Shorbagi, and Abdel-Raouf Khalill;

6- Arch. Pharm. Pharm. Med. Chem.; 9,438-442 (2002).

New 2H-1,3,5-thiadiazine-2-thiones incorporating glycine and glycinamide as potential antifungal agents.

Tarek Aboul-Fadl, **Mostafa A. Hussein**, Abdel-Nasser El-Shorbagi, and Abdel-Raouf Khalill;

7- Bull. Pharm. Sci., Assiut University, Vol. 27, Part 2, 193-202 (2004).

New 1,4-Disubstituted-6-hydroxyperhydro-1,4-diazepine-2,3-dione Derivatives.

A. A. Abuel-Magd, A. A. El-Shorbagi, **M. A. Hussein**, M. M. Hamdy, and A. M. Abdel-Alim

8- Bull. Pharm. Sci., Assiut, University, Vol. 28, Part 1, 37-44 (2005).

Synthesis of Some New 1,4-Disubstituted Piperazine-2,3-dione Derivatives of Potential Anthelmintic Activity

Mostafa A. Hussein, and Ahmed K. Diab.

9- Acta Pharm, 56, 31-48, 2006.

Synthesis of 1-acyl-2-alkylthio-1,2,4-triazolobenzimidazoles with antifungal, anti-inflammatory and analgesic effects

Bahaa G. Mohamed, Abdel-Alim M. Abdel-Alim and **Mostafa A. Hussein**.

10- Bull. Pharm. Sci., Assiut, University, Vol. 28, Part 1, 131-136 (2005).

Synthesis and Antitubercular Activity of Some Mannich Bases Derived from Isatin Isonicotinic Acid Hydrazone

Mostafa A. Hussein, Tarek Aboul-Fadl, and Asmma Hussein

11- Egyptian J. of Biomedical Sciences, Vol. 16, 194-209 (2004).

Optical isomers of 3-substituted-5-(2-carboxyethyl)-1,3,5-thiadiazine-2-thiones of potential antimicrobial activity, synthesis and solid state stability

Mostafa A. Hussein, *Tarek Aboul-Fadl, Mahrous O. Ahmed, Mohamed Hashem, and*

Mohamed Hassan

12- Arch Pharm Res, 29, 1, 26-33, 2006.

Synthesis and Antimicrobial Activity of Some New 1-Alkyl-2-alkylthio-1,2,4-triazolobenzimidazole Derivatives

Bahaa G. Mohamed, **Mostafa A. Hussein**, Abdel-Alim M. Abdel-Alim, and Mohammed Hashem

13- Arch. Pharm. Pharm. Med. 378, 339-378, 2006.

Synthesis of *p*-hydroxypropionic acid derivatives as potential anti-inflammatory and analgesic and antimicrobial agents.

Hamdy M. Abdel-Rahman and **Mostafa A. Hussein**

14- Bull. Pharm. Sci., Assiut, University, Vol. 29, Part 2, 253-271 (2006).

Synthesis and Pharmacological Activities of Novel 1-Alkyl-6-hydroxyperhydro-1,4-diazepine-2,3-diones.

Abdel-Alim A. M, **M. A. Hussein**, A. A. El-Shorbagi, A. A. Abuel-Magd, and B. S. El-Menshawī.

15- Bull. Pharm. Sci., Assiut, University, Vol. 29, Part 2, 348-370 (2006).

Synthesis and Biological Activity of Certain Indole Derivatives via the Utility of 2-Acetylundole

Alshaimaa A. Baker, **Mostafa A. Hussein**, Samia G. Abdel-Moty, Abdel-Hamid N. Kafafy, and M. M. Hamdy.

16- Arch. Pharm Res, 30, 1186-1205 (2007)

Synthesis and antimicrobial activity of certain new 1,2,4-triazolo[1,5-a]- pyrimidine derivatives.

Yaser A-H Mostafa, **Mostafa A. Hussein**, Awaad A. Radwan, and Abd El-Hamid N. Kfady

17- Arch. Pharm. Chem. Life Sci. 341, 370-376 2008.

Synthesis of New 3-Substituted-5-(2-hydroxyethyl)-3,4,5,6-tetrahydro-2H-1,3,5-thiadiazine-2-thione Derivatives of Potential Antimicrobial Agents

Mostafa A. Hussein and Mohammed Hashem

18- Arch. Pharm. Pharm. Med. Chem.; 341, 4, 240-246 (2008)

Selenium containing Heterocycles: Synthesis and Anti-inflammatory, Analgesic and

Ulcerogenic Activities of Some New 3-Cyano-4-ethylquinoline-2(1)-Selenone Derivatives.

Shams H. Abdel-Hafez and **Mostafa A. Hussein**

19- Acta Pharm, 59, 365-382 (2009).

Synthesis and potential biological activities of certain new substituted thiazoline-quinoline derivatives

Mostafa A. Hussein, Abdel-Hamid N. Kafafy, Samia G. Abdel-Moty, and Ola Mohamed F. Abou-Ghadir

20- Arch Pharm Res, 34, 8, 1239-1250 (2011).

Synthesis, anti-inflammatory, analgesic, and antibacterial activities of some triazole, triazolothiadiazole, and triazolothiadiazine derivatives

Mostafa A. Hussein, Raffat M. Shaker, Abdella M. Ameen, and Mohammed F. Mohammed

21- Bull. of Korean Chem. Soc., Vol. 32, No. 5, 1511-1518, (2011).

Design, Synthesis, and Antimicrobial Activity of New 1,4-disubstituted octahydro-quinoxaline-2,3-diones

Mostafa A. Hussein

22- Bull. Pharm. Sci., Assiut, University, Vol. 34, Part 1, 37-52 (2011).

Synthesis and Antimicrobial Activity of New Substituted Dihydropyrimidine derivatives

Mostafa A. Hussein, S. G. Abdel Moty, Salah A. Abd El-Aziz, and Mahrous A. Abou-salim

23- Bull. Pharm. Sci., Assiut, University, Vol. 34, Part 1, 77-92 (2011).

Synthesis of Some Benzimidazo-1,2,4-Triazole Derivatives with Antimicrobial and Anti-inflammatory Activities

Anber Fangari Mohammed, **Mostafa Ahmed Hussein**, Samia Galal Abdel-Moty, and Abdel-Alim Mohammed Abdel-Alim

24- Bull. Pharm. Sci., Assiut, University, Vol. 34, Part 2 -149-158 (2011).

Design, Synthesis, and Antidiabetic Activity of Some New 4-amino (or 6-oxo)-2-Methy / Benzylthio (or substituted amino) pyrimidine derivatives

Salah Abdel-Muttalib Abdel -Aziz, **Mostafa Ahmad Hussein**, Ihab Talat Abdel-Raheem.

25- Chem. Pharm. Bull, 60, 3, 402-407 (/2012).

Design, Synthesis and *In-vitro* Evaluation of a Near-infrared Fluorescent Probe for Non-Invasive Imaging of Tumor Hypoxia

Bahaa G. M. Youssif, Kensuke Okuda, Ola I. Abdel Razek, Alaa M. Hayallah, **Mostafa A.**

Hussein, Tetsuya Kadonosono, Shinae Kondoh, and Hideko Nagasawa

26- Arch Pharm Res, 36, 12, 1465-1479 (2013).

Design, synthesis and molecular docking of some new 1,2,4-triazolobenzimidazol-3-yl acetohydrazide derivatives with anti-inflammatory-analgesic activities

Anber F. Mohammed, Samia G. Abdel-Moty*, Mostafa A. Hussein, and Abdel-Alim M. Abdel-Alim.

27- Saudi Pharmaceutical Journal 24, 119-132(2016)

Design and Synthesis of Some Substituted Thiazolo[3,2-a]Pyrimidine Derivatives of Potential Biological Activities

Samia G. Abdel Moty, **Mostafa A. Hussein**, Salah A. Abdel Aziz, and Mahrous A. Abou-Salim.

28- *Bioorg. Med. Chem.* (Accepted 2014)

Development of Near-infrared Fluorescent Probe for Non-invasive Imaging of Tumor Hypoxia

Takahiro Ueno, Yasuyuki Okabe, Satoshi Ueda, Kensuke Okuda, Ola I. Abdel Razek, Alaa M. Hayallah, **Mostafa A. Hussein**, Tetsuya Kadonosono, Shinae Kondoh, and Hideko Nagasawa

29- Der Pharma Chemica, 6 (2) 199-211, 2014.

Design and Synthesis of Some New Purine-dione Derivatives of Potential Anti-inflammatory Activity

Ola F. Abou-Ghadir, Alaa M. Hayallah*, Samia G. Abdel-Moty and **Mostafa A. Hussein**

30- Archives of Pharmacal Research 13 (2), 6065-6081, 2017.

Design and Synthesis of Some New Olomoucine Analogues with Anticancer Activity

Ola F. Abou-Ghadir, Alaa M. Hayallah, Samia G. Abdel-Moty, Mostafa A. Hussein and Ahmed S. Aboaraia

31- Der Pharma Chemica, 7(4):190-200, 2015

Synthesis and investigation of antihypertensive activity using anaesthetized normotensive nonhuman primates of some 2-aryl-4-(substituted) pyrimido[1,2-a]benzimidazoles

Abdel-Nasser A. El-Shorbagi and Mostafa A. Hussein

32- American journal of Pharmacy and Health Research, 4(11): 50-70, 2016

Synthesis and Pharmacokinetic studies of Effective and Safe New Antimicrobial Derivatives of Substituted Hydroquinoxaline-2,3-diones

Mostafa A. Hussein and Fergany A. Mohammed

33- Journal of Advances in Chemistry, 2017 13 (12) 6065-6082.

Design, Molecular Modeling and Synthesis of Some New Purine diones pyridoprimumidine-diones with Anticancer Activity

Ola F. Abou-Ghadir, Alaa M. Hayallah, Samia G. Abdel-Moty, Mostafa A. Hussein, Ahmed S. Aboraia and Douaa Sayed.

34- American journal of Pharmacy and Health Research, 6(4): 27-56, 2018.

Effect of Altitude (2500 M) on the Pharmacokinetics of Diclofenac Sodium and Cefadroxil After Oral Administration To Human Volunteers

Fergany A. Mohammed and Mostafa A. Hussein

35- Heterocycles, 101, 2, 2020, 559-579.

Development of Near-infrared Fluorescent Probe with Large Stokes Shifts for Non-invasive Image of Tumor Hypoxia

Kensuke Okuda, Bahaa G. M. Youssif, Ryosuke Sakai, Takahiro Ueno, Takayuki Sakai, Tetsuya Kadonosono, Yasuyuki Okabe, Ola I. Abdel Razek, Alaa M. Hayallah, **Mostafa A. Hussein**, Shinae Kondoh, and Hideko Nagasawa

36- International Journal of Pharma Sciences and Scientific Research, 6, 3, 2020, 49-56.

Synthesis of some new 1,2-disubstituted-1,2,4-triazolobenzimidazoles with antifungal and anti-inflammatory effects.

Mostafa A. Hussein and Bahaa G. M. Youssif

Participation in international meetings:

- 1- The XXV conference of Pharmaceutical Sciences, Cairo, Egypt, 24-26/12/1996, presentation of "Design and Synthesis of some pyrimido[1,2-a]bezimidazole derivatives of potential hypotensive effect".
- 2- The 48^L kink branch meeting of pharmaceutical society of Japan, Kobe city, 24/10/1998.
- 3- The 119- meeting of the pharmaceutical society of Japan, Tokushima city, 29/3-31/3/1999.

- 4- The seminar for young organic chemist, Kyoto city, Japan, 16/12/1998.
- 5- The 24- symposium on progress in organic reactions and synthesis, application in the life science, Chiba city, Japan 5-6/11/1998.
- 6- The Alexandria second international conf. of pharm. Sciences and technology, Alex., Egypt, 25-27 /10 / 2000.
- 7- The XXVII conf. of Pharmaceutical Sciences, Cairo, Egypt ,2-4/1/2001.
- 8- The 8th IBN SINA International conf. of pure and applied heterocyclic chemistry, Luxor, Egypt, Feb. 16-19, 2002.
- 9- The Assiut University 3rd Pharm. Sciences conf., Assiut, Egypt, March 5-6, 2002.
- 10- The XXVII conf. of Pharmaceutical Sciences, Cairo, Egypt, 17-19/12/2002.
- 11- Polish-Austrian-German-Hungarian-Italian Joint Meeting in Medicinal Chemistry, Krakow, Poland, October, 15-18, 2003.
- 12- The 9th IBN SINA International conf. of pure and applied heterocyclic chemistry, Luxor, Egypt, Decern. 11-14, 2004.
- 13- The Assiut University 4th Pharm. Sciences conf., Assiut, Egypt, March 6-7, 2004.
- 14- The Assiut University 5th Pharm. Sciences conf., Assiut, Egypt, March 12-13, 2008.
- 15- Egyptian Pharm. Society XXXI conf. of Pharm. Sciences 12, 2008.
- 16- The 7th Assiut University international pharm. Science Conference, 17-18/3/2010.
- 17- Change Manegment in the Academic Environment, Al Baha, KSA, 4 / 3 / 2014.

SUPERVISION OF MASTER THESIS:

One of the supervision committee for the following master thesis:

1. "Design and synthesis of some new derivatives of 6-hydroxy perhydro1,4-diazepine-2,3-dione of potential biological activity". **Student name:** Aber A. Abol Magd (Approved 27/2/2005).
2. "Synthesis ot some 1,2,4-triazoioDenzimiaazoie derivatives of potential biological activity". **Student name:** Bahaa G. Mohamed (Approved 31/5/2005).
3. "Synthesis and study of the biological activity of new indole derivatives through some reactions of 2-acetyl indole". **Student name:** Al-Shaima A. Abo Baker (Approved 22/7/2006).

4. "Synthesis of some new derivatives of substituted thiazoline-quinoline of potential biological activity". **Student name:** Ola M. Fahmy (Approved 29/9/2007).
5. "Design and synthesis of certain new 1,2,4-triazolo-[1,5-a]-pyrimidine derivatives of potential biological activity". **Student name:** Yasser A. Mostafa (Approved 29/9/2007).
6. "Synthesis and biological evaluation of some new 4-amino-5-(4-pyridyl)-4H-1,2,4-triazol-3-ylhydrosulphide derivatives" **Student name:** Mohammed F. Mohammed; Master (approved 29/9/2009)
7. "Synthesis of some new organic compounds of potential biological activity". **Student name:** Amber F. Mohammed (23 / 9 / 2007).
8. "Synthesis and antimicrobial activity of new substituted dihydropyrimidine derivatives". **Student name:** Mahrous A. Abu-Salim (20 / 10 / 2008).
9. Development of a hypoxia-selective near-infrared fluorescent probe for non-invasive tumor imaging "**Student name:** Bahaa G. Mohammed, Ph. D (20 / 5 / 2007).
10. "Synthesis of some new derivatives of substituted bridged-head compounds of potential biological activity". **Student name:** Ola M. Fahmy, Ph. D (20 / 11 / 2008).
11. "Synthesis and study of the biological activity of new biologically active compounds". **Student name:** Al-Shaima A. Abo Baker Ph. D (20 / 7 / 2010).

Management of Projects:

- 1- The principal investigator (**PI**) of a project titled "**Implementation of Quality Assurance System**" in Faculty of Pharmacy, Assiut University (9/2004).
- 2- The principal investigator (**PI**) of a project titled "**Continuous improvement and Qualifying Project**" in Faculty of Pharmacy, Assiut University (3/2008).

Training through Faculty and Leadership Development project (FLDP):

1. "Training of trainees TOT, Assiut University, 3-7/7/2004.
2. "Politics and basis of the career", Assiut University, 9-10/1/2005.
3. "Decision and problem handling", Assiut University, 8-11/8/2005.
4. "Modern objectives in teaching", Assiut University, 15-18/10/2005.
5. "Course assignment on CD", Faculty of Agriculture, Assiut University. 11-

13/2/2002.

6. Economic, distribution, and finance of research projects, Assiut University. 3-5/3/2007.
7. Examination models and Student evaluation Assiut University. 18-20/8/2007.
8. "Management of time and meetings" Assiut University, 12-14/1/2008.
9. "Standards for self study higher education institutes" training sector of National Authority for Quality Assurance and Accreditation of Education, 18-19/5/2008.
10. "Management of a research team" Assiut University, 4-6/4/2009.
11. "How to write a competitive research project" Assiut University, 1-3/8/2009.
12. "Training of trainers, Disaster Risk Reduction" , Cairo, Egypt, 26-29/9/2011.

Memberships:

- 1- A member of the pharmacy Syndicate since 1989 till now
- 2- A member of the American Society for the Advancement of Science", 2000-2001.

Activities in Department and the Faculty:

- 1- Member in the Pharm. Organic chemistry council.
- 2- Member in the Faculty of Pharmacy council
- 3- Member in the laboratories and scientific apparatus committee in the Faculty of Pharmacy.
- 4- Member in the external relationships and culture committee in the Faculty of Pharmacy.
- 5- Participant in the development of the student and research laboratories in the Dept. of Pharm. Organic Chemistry.
- 6- Participant in the arrangement for the Assiut University Conference of Pharmaceutical Sciences.
- 7- Participant in the scientific seminars in the Dept. of Pharm. Organic Chemistry.
- 8- Participant in the summer training course for the students in the Faculty of Pharmacy.
- 9- Participant in the supervision committee for the scientific trip in the Faculty of Pharmacy.
- 10- Participant in the committee for assignment of the results of the student exams in the Faculty of Pharmacy.
- 11- Participant in most of the activities of the student union and the student families in the Faculty of Pharmacy.
- 12- Head of the department council.
- 13- A member of the faculty council.

Professional experience

Title: Lecturer of Pharm. Organic Chemistry.

Name and address of employer:

- 1- Pharm. Org. Chem. **Dept.**, Faculty of Pharmacy, Assiut Univ., Assiut, Egypt.
- 2- Med. Chem. Dept., Faculty of Pharmacy, Al-Azher Univ., Assiut, Egypt.
- 3- Biochemistry Dept., Faculty of Medicine, El-Minia Univ., El-Minia, Egypt.
- 4- Pharm. Org. Chem. Dept., Faculty of Pharmacy, El-Minia Univ., El-Minia, Egypt.
- 5- Pharm. Chem. Dept., Faculty of Pharmacy, Modern Sciences and Arts University, 6th October, Cairo, Egypt, 2005.
- 6- A visiting professor in Pharm. Chem. Dept., Faculty of Pharmacy, Al-Fateh University, Libya, 28/2/2006-28/3/2006, 1/4 to 21/4/2007, and 17/3 to 15/4/2008.
- 7- Clinical Pharmacy Department, College of Clinical Pharmacy, Al baha University, Al baha, KSA (2017-2019).
- 8- Pharmaceutical Chem. Department, College of Clinical Pharmacy, Al baha University, Al baha, KSA (2012-2022).

Brief description of major tasks and responsibilities:

Teaching the following courses:

- The pharm. org. chemistry Courses-1, 2, 3, and 4 for the 1st and 2nd year's pharmacy.
- General chemistry.
- Practical pharm. org. chemistry courses.
- Organic Chemistry.
- Practical Organic Chemistry.
- Medicinal Chemistry-1, 2, and 3.
- Practical Medicinal Chemistry.
- Pharmacy Law.
- Biostatstics.
- Spectroscopy.
- Stereochemistry and carbohydrates.
- Teaching the advanced courses for post-graduate students including:

Instrumental, pharmaceutical organic chemistry, medicinal chemistry, and drug design).

The Master Thesis:

"Design and synthesis of some pyrimido[1,2-a]benzimidazole derivatives of potential hypotensive effect". Different styryl derivatives were prepared through the reaction of 2,4-dimethyl- and 4-methyl-2-(p-substitutedphenyl)pyrimido[1,2-a]benzimidazole derivatives with different substituted aldehydes. The newly synthesized derivatives were screened for their antihypertensive activity.

The Ph.D. thesis:

"Design and preparation of new chiral ligands for stereoselective synthesis of certain monobactams". This work involved: a) The development of different chiral amines with different structural and stereochemical modifications, b) The utilization of such ligands as stereocontrollers in the asymmetric reactions of lithium ester enolates with imines in both stoichiometric and catalytic amounts. In such study, we developed new chiral reagents and we are able to obtain both enantiomers (*R* and *S*) of the target monobatam in different enatiomeric purity.

Sincerely yours



Mostafa A. Hussein, Ph.D

