

## Curriculum Vitae

**Name:** *Prof. Hassan Abdou Kotb Abd El-Aal*  
**Specialization:** Organic Chemistry  
**Present Position:** Professor of Organic Chemistry at the Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt  
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**Nationality:** Egyptian  
**Marital status:** Married  
**Professional Interests** Design and development of new methodologies for synthesis of complex carbocyclic/heterocyclic frameworks, targets for various therapeutic areas and knowing for their biological activity as well as commonly used in the manufacture of medicines and medical preparations

## Education and Professional Experience

**Ph. D. in Organic Chemistry, March, 2010** (Assiut University, Assiut, Egypt)

**M. S. in Organic Chemistry, March, 2004** (Assiut University, Assiut, Egypt)

**B. S. in Chemistry, June, 1996** (Assiut University, Assiut, Egypt)

<b>2020</b>	<b>Professor of organic chemistry</b> (Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt)
<b>2015</b>	<b>Associate Professor</b> of organic chemistry (Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt)
<b>2010</b>	<b>Lecturer of organic chemistry</b> (Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt)
<b>2004</b>	<b>Assistant Lecturer</b> of organic chemistry (Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt)
<b>1996</b>	<b>Demonstrator</b> (Chemistry Department, Faculty of Science, Assiut University, Assiut, Egypt)

## Scientific and research activities

- Published many scientific researches in the field of synthesis and applied organic chemistry in some international journals.
- Active participation in many workshops, seminars and conferences in the field of quality assurance and accreditation, as well as scientific conferences specialized in the field of organic and medical chemistry and specialized research centers.

- Member of the Center of Scientific Consultations and Services, Faculty of Science, Assiut University, to evaluate and license industrial projects and community research.
- Member of the Organizing Committee of the Conference of the Third Faculty of Young Researchers, "Basic Sciences and Technology", held 19-20 / 4/2011.
- Reviewer of international journals such as: Australian Journal of Chemistry and Journal of Heterocyclic Chemistry
- Member of [ARKIVOC EDITORIAL BOARD OF REFEREES](http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/) (2017), among only nine referees from Egypt: <http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/>

## Publications

1. **Friedel-Crafts Reactions as a Facile Route to the Synthesis of Carbo- and Heteropolycycles.** Abd El-Aal, H. A. K., 7<sup>th</sup> International Conference on Chemistry and its Role in Development (7th ICCRD, April, Mansoura, Sharm El-Sheikh, 14 –17 April (2003).
2. **Modern Friedel-Crafts Chemistry. Part 27. Alkylation of benzene with 1-benzyl-, and 1-phenylcyclohexanols in the presence of H<sub>2</sub>SO<sub>4</sub> and AlCl<sub>3</sub>/CH<sub>3</sub>NO<sub>2</sub> catalysts.** Khalaf, A. A.; Awad, I. M.; El-Emary, T. I.; Abd El-Aal, H. A. K., *J. Indian Chem. Soc.*, **83**, 1018-1022 (2006).
3. **Friedel-Crafts cyclialkylation as a facile route for the production of diphenylindan derivatives.** Khalaf, A. A.; Awad, I. M.; El-Emary, T. I.; Abd El-Aal, H. A. K., 10<sup>th</sup>, Iben Sina International Conference On Pure and Applied Heterocyclic Chemistry (10<sup>th</sup> ISIC), Luxor, Egypt, Feb., 17-20 (2007).
4. **Friedel-Crafts alkylation of benzene with 1,2-diphenyl-2-propanol, 1-chloro-2,3-diphenylpropane and 2-methyl-1-phenyl-2-butanol.** Khalaf, A. A.; Awad, I. M.; El-Emary, T. I.; Abd El-Aal, H. A. K., *J. Indian Chem. Soc.* **87**, 595-600 (2010).
5. **Modern Friedel-Crafts Chemistry. Part 29. Cyclialkylation of some triphenylated propane, butane and pentane substrates to diphenylated indans under Friedel-Crafts conditions.** Khalaf, A. A.; Awad, I. M.; El-Emary, T. I.; Abd El-Aal, H. A. K., *J. Indian Chem. Soc.* **85**, 300-305 (2008).
6. **Modern Friedel-Crafts chemistry. Part 31. An efficient synthetic approach to mono-, di- and triphenylindane derivatives via direct Friedel-Crafts cyclialkylation of selected phenylated alkanols.** Khalaf, A. A.; El-Khawaga, A. M.; Awad, I. M.; Abd El-Aal, H. A. K., *Arkivoc*, (xiv), 314-323 (2009).
7. **Modern Friedel-Crafts Chemistry. Part 32. Facile synthesis of some new fused heteropolycycles via direct intramolecular Friedel-Crafts cyclialkylations of suitable heteroarylalkanols.** Khalaf, A. A.; El-Khawaga, A. M.; Awad, I. M.; Abd El-Aal, H. A. K., *Arkivoc*, (x), 338-349 (2010).
8. **Modern Friedel-Crafts Chemistry. Part 38. New synthetic approach to substituted Imipramine via Friedel-Crafts cyclialkylations.** Abd El-Aal, H. A. K. and Khalaf, A. A.; Assiut Univ. 8<sup>th</sup> International Pharmaceutical Sciences Conference; Assiut, March 14<sup>th</sup> & 15<sup>th</sup>, 2012.

9. **Modern Friedel-Crafts Chemistry. Part 35. New synthetic approach to substituted indolo[2,1-*a*][2]benzazepines and indolo[2,1-*a*]isoquinolines via Friedel-Crafts cyclialkylations.** Abd El-Aal, H. A. K., Khalaf, A. A., El-Emary T. I., *Arkivoc*, (ix) 122-135 (2012).
10. **Modern Friedel-Crafts Chemistry. Part 36. Facile synthesis of some new pyrido[3,2,1-*jk*]carbazoles via Friedel-Crafts cyclialkylations.** Abd El-Aal, H. A. K., Khalaf, A. A., *J. Serb. Chem. Soc.* 78, 611–619 (2013).
11. **Modern Friedel-Crafts Chemistry. Part 37. Efficient syntheses of some new Julolidines via cyclialkylations of heteroaryl carbinols.** Abd El-Aal, H. A. K., Khalaf, A. A. and El-Khawaga, A. M. A., *J. Heterocyclic Chem.*, 51, 262-268 (2014).
12. **Modern Friedel-Crafts Chemistry. Part 38. Facile synthesis of acenaphthenes via direct and rearranged intramolecular Friedel-Crafts cyclialkylations of intermediate carbinols.** Abd El-Aal, H. A. K., Khalaf, A. A., *Polycyclic Aromatic Compounds*, 33, 331–346 (2013).
13. **Friedel-Crafts Chemistry. Part 39. Unprecedented facile route to the synthesis of benzo[*b*][1]benzazepines via intramolecular Friedel-Crafts cyclialkylations.** Abd El-Aal, H. A. K., Khalaf, A. A., *Aust. J. Chem.*, 66, 635–645 (2013).
14. **Friedel-Crafts Chemistry. Part 40. An expedient novel synthesis of some dibenzazepines, azocines, 11*H*-benz[*f*]-pyrido[2,3-*b*]azepines and 6*H*-benz[*g*]-pyrido[2,3-*c*]azocines.** Abd El-Aal, H. A. K., Khalaf, A. A., *Arkivoc*, (iv) 306-322 (2013).
15. **Friedel-Crafts Chemistry: Part 41. A new facile synthesis of indeno[1,2-*c*]pyrazoles, 2*H*-benzo[*g*]indazoles and benzo[6,7]cyclohepta[1,2-*c*]pyrazoles via Friedel-Crafts ring closures.** Abd El-Aal, H. A. K., El-Khawaga, A. M. A., Khalaf, A. A., *European Journal of Chemistry*, 5, 277-286 (2014).
16. **Friedel-Crafts Chemistry. Part 42. Unprecedented three synthetic protocols for dihydro-10-oxo-5*H*-dibenz[*b,f*]azepine precursor of antiepileptic drug oxcarbazepine (OXC).** Abd El-Aal, H. A. K., Khalaf, A. A., El-Khawaga, A. M. A., Assiut Univ. 9<sup>th</sup> International Pharmaceutical Sciences Conference; Assiut, March 12<sup>th</sup>&13<sup>th</sup>, 2014.
17. **Efficient synthesis, characterization and biological evaluation of some new atophan carbonyl derivatives.** Abd El-Aal, H. A. K., El-Emary T. I., *J. Chem. Pharm. Res.*, 6(12), 90-99 (2014).
18. **Friedel–Crafts Chemistry. Part 43. A Convergent construction of some new bridged Aza-bicyclic analogues of azocine, azonine, and azecine via Friedel–Crafts ring closures.** Abd El-Aal, H. A. K., Khalaf, A. A., El-Khawaga, A. M. A., *Aust. J. Chem.*, 68, 404-415 (2015).
19. **Friedel-Crafts Chemistry. Part 44. Unprecedented synthesis of pyrazolo[3,4-*b*]quinolines, pyrazolo[3,4-*b*][1,8]naphthyridines, pyrazolo[3,4-*b*]azepines, pyrazolo[3,4-*b*]azocines, pyrazolo[3,4-*b*]pyrido[3,2-*g*]azocines and benzo[*g*]pyrazolo[3,4-*b*]azonines scaffolds via ring closure reactions,** Abd El-Aal, H. A. K., Khalaf, A. A., 13<sup>th</sup> Ibn Sina International Conference on Pure and Applied Heterocyclic Chemistry, 14-17 February, Hurghada, Egypt (2015).

20. Friedel-Crafts chemistry, Part 45: Expedient new improved process for the synthesis of oxacarbazepine precursor 10,11-dihydro-10-oxo-5H-dibenz[b,f]azepine via Friedel-Crafts cycliacylations. Abd El-Aal, H. A. K., *Arkivoc*, (v) 230-241 (2015).
21. Friedel-Crafts Chemistry. Unprecedented Synthesis of Pyrazolo[3,4-*b*]-Quinolines, -[1,8]Naphthyridines, -azepines, -azocines, pyrazolo[3,4-*b*]pyrido[3,2-*g*]azocines and benzo[*g*]pyrazolo[3,4-*b*]azonines via ring closure reactions. Abd El-Aal, H. A. K., Khalaf, A. A., "Egyptian Third International Conference in Chemistry "Chemistry and Sustainable Development" 16-19 November, Hurghada, Egypt (2015).
22. Friedel-Crafts Chemistry. Part 47. A Convergent construction of benzo-, pyrido- and quinolino-fused thiazocinoquinolines and thiazoninoquinolines via Friedel-Crafts cycliacylations. Abd El-Aal, H. A. K., The Second International Conference on New Horizons in Basic and Applied Science (ICNHBAS), 1-6 August, Hurghada, Egypt (2015).
23. Friedel-Crafts Chemistry. Part 46. Unprecedented construction of tricyclic pyrazolo[3,4-*b*]quinolines, -[1,8]naphthyridines, -azepines, -azocines, -pyrido[3,2-*g*]azocines and pyrazolo[3,4-*b*]azonines via Friedel-Crafts ring closures. Abd El-Aal, H. A. K., Khalaf, A. A., *Aust. J. Chem.*, **69**, 652–661 (2016).
24. Friedel-Crafts Chemistry. Part 49. A Concise and Novel Synthesis of Tetracyclic; [1,8]Naphthyridinones, Azepino-, Azocino- and Azonino-Fused Quinoline Systems via Friedel-Crafts Ring Closures. Abd El-Aal, H. A. K., 13<sup>th</sup> International Conference on Chemistry and its Role in Development (13<sup>th</sup> ICCRD), Mansoura, Sharm El-Sheikh, 20 –24 March (2017).
25. Friedel-Crafts Chemistry. Part 48. Concise synthesis of condensed azaheterocyclic; [1,8]naphthyridinones, azepino-, azocino- and azoninoquinoline systems via Friedel-Crafts ring closures. Abd El-Aal, H. A. K., *Aust. J. Chem.*, **70**, 1082–1092 (2017).
26. Remarkable Straightforward Accesses to Various Fused Medium sized Rings Having Quinoline and pyrazole Groups via Friedel-Crafts Approach. Abd El-Aal, H. A. K., The Third International Conference on New Horizons in Basic and Applied Science (ICNHBAS), 5-7 August, Hurghada, Egypt (2017).
27. Friedel-Crafts chemistry. Part 50. Convergent and diversity-oriented constructions of polycyclic quinolines via Friedel-Crafts and Beckmann ring enlargement approaches. Abd El-Aal, H. A. K., *Arkivoc*, part *iii*, 45-61 (2018); Published on line 12-03-2017
28. Synthesis and Characterization of Assorted Heterocycles Based 3-(9H-carbazol-9-yl) Propane Hydrazide. Talaat, I. El-Emary, Hassan, A. K. Abd El-Aal and Shabaan, K. Mohamed, *Pelagia Research Library, Der Chemica Sinica*, 9 (1),588-598 (2018).
29. Friedel-Crafts chemistry. Part 55. Competing indan versus tetralin ring formations during Friedel-Crafts intramolecular cycliacylations of some selected di-, tri- and tetraphenylated alkanols. Ali A. Khalaf and Hassan A. K. Abd El-Aal, Assiut University Journal of Chemistry (AUJC) 47, 66-80 (2018).
30. Friedel-Crafts Chemistry. Part 54. Divergent synthesis of fused indoles medium-sized N-heterocycles via Friedel-Crafts cycliacylations. Abd El-Aal, H. A. K., Khalaf, A. A.,

- 14<sup>th</sup> International Conference on Chemistry and its Role in Development (14<sup>th</sup> ICCRD), Mansoura University-Hurghada, Egypt, March 25-28, 2019.
31. **Friedel–Crafts Chemistry. Part 53. Divergent and Diversity-Oriented Synthesis of Condensed Indole Scaffolds via Friedel–Crafts Ring Closure Approach.** Abd El-Aal, H. A. K. and Khalaf, A. A., *Aust. J. Chem.*, 72, 276–287 (2019).
  32. **Unprecedented convergent synthesis of the fused tricyclic thiophenes via Friedel–Crafts cycliacylation reactions,** Abd El-Aal, H. A. K., Khalaf, A. A., *Arkivoc*, (v) 265-278 (2019).
  33. **Friedel–Crafts chemistry 56\*. Unprecedented construction of functionalized polycyclic quinolines via Friedel–Crafts cycliacylation and Beckmann rearrangement,** Abd El-Aal, H. A. K.; Khalaf, A. A., *Chem. Heterocycl. Compd.* 2019, 55, 632. [*Khim. Geterotsikl. Soedin.* 2019, 55, 632.] *CHC Issue 7, 2019.*
  34. **Friedel-Crafts Chemistry. Part 59. Diversity-Oriented construction of condensed medium-sized N&S-heterocycles via Friedel-Crafts and Michael approaches,** Abd El-Aal, H. A. K., The fourth International Conference on New Horizons in Basic and Applied Science (ICNHBAS), 26-29 July, Hurghada, Egypt (2019).
  35. **Friedel-Crafts Chemistry. Part 60. Diversity-Oriented Synthesis of Polyfunctionalized Pyrazole-fused Medium-Ring Systems via Friedel-Crafts Cycliacylation Approach,** Abd El-Aal, H. A. K., 3<sup>rd</sup> International Conference on Applied Chemistry- 23-27 Oct 2019, Hurghada, Luxor, Egypt.
  36. **Synthesis of Tetracyclic Fused Quinolines via a Friedel–Crafts and Beckmann Ring Expansion Sequence.** Abd El-Aal, H. A. K. and Talaat I. El-Emary., *Aust. J. Chem.* 72, 945-956 (2019).
  37. **Design and diversity-oriented synthesis of benzo- and pyrido-annulated medium-sized N,S-heterocycles via thio-Michael and Friedel-Crafts approaches.** Abd El-Aal, H. A. K.; Khalaf, A. A., *Arkivoc*, part vi, 212-227 (2019).
  38. **Target-Oriented Synthesis of Functionalized Pyrazolo-Fused Medium-Sized N,S-Heterocycles via Friedel-Crafts Ring Closure Approach.** Abd El-Aal, H. A. K., *Chem. Heterocycl. Compd.*, 56(10), 1353–1362 (2020)
  39. **Friedel-Crafts Chemistry. Part 61. A convergent synthesis of bridged benzo-and thieno-medium-sized N-heterocycles via Friedel-Crafts Cycliacylations Approach.** Abd El-Aal, H. A. K., The Third International Conference on Multidisciplinary Research (ICMR), March 20-24, Hurghada, Egypt (2020).
  40. **Synthesis, characterization and biological evaluation of some novel thiophene-fused medium-sized N-heterocycles.** Abd El-Aal, H. A. K., *Submitted for publication, EUR J MED CHEM* (2020).

## Conferences and Symposia

- Seventh International Conference on Chemistry and its Role in Development, Mansoura University, Sharm El Sheikh, Egypt, 14-17 / 4/2003. Participation in oral research
- Assiut University Assiut University - Assiut - The Arab Republic of Egypt, 6 & 7/3/2005. Participating in a research paper
- The First Scientific Conference for young researchers - Basic Science and Technology, Faculty of Science - Assiut University, Egypt, May 2007. Participation in a pending research
- Second Scientific Conference for Young Researchers - Basic Sciences and Technology, Faculty of Science - Assiut University - Assiut – Egypt- October 2008 . Participation in a pending research
- Third Scientific Conference for Young Researchers - Basic Science and Technology, Faculty of Science - Assiut University - Assiut - Egypt - April 2011. Participation in oral research
- Assiut University 8th International Conference of Pharmaceutical Sciences, Faculty of Pharmacy - Assiut University - Assiut - Egypt - 14 & 15/3/2012. Participation in a pending research
- Assiut University International Conference for Pharmaceutical Sciences, Faculty of Pharmacy - Assiut University - Assiut - Egypt - 12 & 13/3/2014 Participation in a pending research
- The Second International Conference on the New Horizons in Basic and Applied Sciences, Faculty of Science, Al-Azhar University, Assiut, Hurghada, Egypt, (1-6), 2015.
- Third International Conference in Chemistry "Chemistry and Sustainable Development"
- Egyptian Chemical Society, Hurghada, Egypt (16-19) November 2015 Participation in oral research
- The 13<sup>th</sup> International Conference on Chemistry and its Role in Development, Mansoura University, Sharm El Sheikh, Egypt, 20-24 / 3/2017 Participation in a pending research.
- The Third International Conference on New Horizons in Basic and Applied Science (ICNHBAS), 5-7 August, Hurghada, Egypt (2017).
- The Fourth International Conference on New Horizons in Basic and Applied Science (ICNHBAS), 26-29 July, Hurghada, Egypt (2019).
- The third International Conference on Applied Chemistry- 23-27 Oct 2019, Hurghada, Luxor, Egypt.

## Honors and Awards

- 1- Prof. Mohammed Raafat Mahmoud Award for Scientific Excellence, Assiut, Egypt, 2011
- 2- Best Scientific Research Award in Basic Sciences (Chemistry), Assiut, Egypt, 2012

## Membership in professional scientific bodies and societies

- Union of Scientists in the Arab Republic of Egypt

- Egyptian Chemical Society
- Faculty Members Club
- Center for Consultation and Scientific Services, Faculty of Science, Assiut University
- Union of Arab Chemists ([http://www.arabchemists.org/news.php?action=list&cat\\_id=7](http://www.arabchemists.org/news.php?action=list&cat_id=7))

## Technical Skills

- **Computer System/Software and Computer Interfacing:**

1. Good theoretical and practical backgrounds in general Chemistry “Organic Synthesis” included the Synthesis of Fused Polynuclear Aromatic Hydrocarbons (PAHs) and Heterocyclic compounds.
2. X-ray diffraction using the powder technique.
3. U.V. Spectrophotometer.
4. Mass Spectra and related GCMS.
5. IR Spectra and <sup>1</sup>HNMR and C<sup>13</sup>NMR Spectra.
6. Physical constants (refractive index, viscosity, etc....) and chromatographic techniques (TLC, Column C. and PTLC).
7. Microsoft Office “Windows<sup>XP</sup> and higher versions” (includes Word, Excel, PowerPoint, Basic Concepts of IT, Using Computer and Managing Files, Database, Information and Communication).
8. Chemistry Programs Software (NMR, ACD lab, HyperChem., ChemDraw, Chem Window).

- **Language skills**

Language	Level
1- Arabic	Mother Tongue
2- English (Institutional TOEFL Test)	Excellent
3- German [Grundstufe (III)]	Excellent

- **Workshops and Training Programs**

Attendance workshops for training in basic programs of information technology and computer (CUICTT) Council for the Higher Universities - Central Unit for Training and Information and Communication Technology - Information Network - Assiut University: 21/4/2007 to 10/1/2008, (attached certificates of this Regard) are as follows:

- Typing
- Basic Concept of IT
- Using Computer and Managing Files
- Word Processing
- Spreadsheets
- Introduction of PC Maintenance and Protection
- Presentation
- Database
- Information and Communication

Certified from the Technical center of scientific instruments “*Security and safety in laboratories*” June 27 & 28 (2009).

## Human Skills

1- Certified and passing the following training programs from the Faculty and Leader Development Center (FLDC)-Assiut University:

- Introduction to the computer and operating system
- Teacher Preparation Course (Effective Teaching)
- Ethics and ethics profession
- Effective teaching
- Preparing and writing scientific research and publishing it internationally
- Recent trends in teaching
- Use of technology in teaching
- Credit Hours System
- Safety and safety measures in laboratories
- Management of the research team
- Quality standards in scientific teaching
- Exam systems and student assessment
- Design and conduct scientific research
- How to activate the E-Course
- Scientific researches funding and grants
- How to design the E-Course
- Effective presentation
- Analytical and creative thinking in teaching

- Certified in “*Human Rights Basics*” from the School of Continuing Education, The American University in Cairo, Feb. 3-7 (2008).

## Educational activities

### *Faculty of Science*

- Teaching the theoretical and practical courses for students of the Faculty of Science - in different years and undergraduate levels in the following fields: General Chemistry - Organic Chemistry (Aliphatic and Aromatics) - Chemistry of Spectra - Heterocyclic Chemistry - Mechanisms of reactions - Green Chemistry - Petroleum and petrochemicals - Biochemistry - Chemistry of natural products.
- Supervision of the practical teaching of organic chemistry for students of different teams and people in the Faculty of Science.



- Participation in oral examinations for students of the Faculty of Science, Faculty of Pharmacy and Faculty of Agriculture.

**Faculty of Education** - Teaching the theoretical courses for students of the second and third teams in the following fields: Organic chemistry (Aliphatic and Aromatics) - Biochemistry - Pharmaceutical chemistry - Chemistry of natural products.  
- Supervising the practical teaching of organic chemistry for the students of the teams the second and third teams in the Faculty of Education.

**Postgraduate studies** Teaching of theoretical and practical courses for graduate students and specialized diplomas in the Faculty of Science and Agriculture in the following fields: organic chemistry, biochemistry and special courses.

### Student activities

- Communicate with students through the office hours and the support committee for student services in the quality assurance unit of the faculty and academic guidance.
- Participate in the work of examinations in the practical section.
- Participate in the observation and compliance with the theoretical examinations with the preparation of response models
- Adhere in the preparation of examinations according to the terms of the programs of quality and correction and delivery on time.
- Participation in the work of the faculty for the academic years with its first and second term.
- Participating in the families committee in the faculty and sponsor for one of the families in the faculty.
- Member of Academic Guidance Committee since 2011 till now.
- Prepare the number of courses to be taught.
- Conducting continuous assessments of students (theoretical and editorial examinations and scientific discussions) to improve their scientific level.
- Assign students to prepare scientific articles and research in the fields of various organic chemistry and presentation and discussion.
- Develop a description of the curricula that he is teaching.
- Follow the methods and modern teaching methods in the teaching of various organic chemistry courses.

- General Coordinator of the Union of students of the Faculty of Science and the Scientific Committee for "Science and Technology" (2015 - 2016 )

### University and administrative activities

- Member of the Technical Committee for the study of tenders (procurement) on the purchase of chemicals and glass and the specification of technical specifications for the Department of Chemistry for.
- Participating in the Chemical Inspection Committee in the department.
- Participation in the Commission for the examination of the devices to be installed in the department
- Contribution to the project quality and accreditation faculty.
- Member of the Tables Committee, Chemistry Department.
- Member of the Department of Chemistry.
- Member of the Supervisory Committee on internal self-evaluation and the description of programs and decisions, faculty of Science.
- Member of the committee of the coordinators of the bachelor's degree in chemistry programs- Faculty of Science- Assiut University.
- Member of the committee of design, implementation and analysis of questionnaires - Faculty of Science - Assiut University.
- Member of the Committee for Academic Calibration and Educational Programs - Faculty of Science - Assiut University.
- Member of the Library Committee, Faculty of Science, Assiut University, Cairo International Book Fair.
- Member of some scientific and professional bodies and societies.

### Membership in professional scientific societies

التاريخ	أسم الهيئة والجمعية العلمية المهنية ومكانها
1996	نقابة العلميين بجمهورية مصر العربية
2011	مركز الأستشارات والخدمات العلمية بكلية العلوم- جامعة أسيوط
2011 وحتى تاريخه	عضو اتحاد الكيميائيين العرب <a href="http://www.arabchemists.org/news.php?action=list&amp;cat_id=7">http://www.arabchemists.org/news.php?action=list&amp;cat_id=7</a>
2011	عضو اللجنة المنظمة لمؤتمر كلية العلوم الثالث لشباب الباحثين -المؤتمر العلمي الثالث لشباب الباحثين في العلوم الأساسية والتكنولوجيا - والمنعقد في 19- 20/ 4/ 2011 م.
2017 وحتى تاريخه	محكم و مراجع لمجلة (ARKIVOC) Member of ARKIVOC EDITORIAL BOARD OF REFEREES (2017), among only nine referees from Egypt: <a href="http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/">http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/</a>
2013 وحتى	محكم و مراجع للعديد من البحوث في بعض الدوريات العالمية المعتمدة مثل:

تاریخہ	<ul style="list-style-type: none"><li>● Australian Journal of Chemistry</li><li>● Journal of Heterocyclic Chemistry</li><li>● ARKIVOC</li></ul>
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