

Published the following scientific papers in international journals:

- 15th July 2021: Published a research article titled "Neuroprotective role of galantamine with/without physical exercise in experimental autoimmune encephalomyelitis in rats" In Life sciences Journal (Elsevier) ISSN: 0024-3205, Impact Factor: 6.1, Volume 277, Pages 119459 Authored by: Mohamed A. El-Emam, Samar El Achy, Dalaal M. Abdallah ,Hanan S. El-Abhar, Mennatallah A. Gowayed.
- 5th March 2022: Published a research article titled "Does physical exercise improve or deteriorate treatment of multiple sclerosis with mitoxantrone? Experimental autoimmune encephalomyelitis study in rats" In BMC Neuroscience Journal (Springer Nature) ISSN: 1471-2202, Impact Factor: 3.288, Volume 23, Article number: 11. Authored by: Mohamed A. El-Emam, Samar El Achy, Dalaal M. Abdallah, Hanan S. El-Abhar, Mennatallah A. Gowayed.
- 1st February 2024: Published a research article titled "Morin suppresses mTORc1/IRE-1 α /JNK and IP3R-VDAC-1 pathways: Crucial mechanisms in apoptosis and mitophagy inhibition in experimental Huntington's disease, supported by in silico molecular docking simulations" In Life sciences Journal (Elsevier) ISSN: 0024-3205, Impact Factor: 6.1, Volume 338, Pages 122362 Authored by: Mohamed A El-Emam, Eman Sheta, Hanan S El-Abhar, Dalaal M Abdallah, Ahmed M El Kerdawy, Wagdy M Eldehna, Mennatallah A Gowayed.

Presented the following posters in scientific international conferences:

- 6-7th November 2019: Poster presentation titled "The Anti-inflammatory Effect of Allosteric $\alpha 7$ -nAChR Modulator with/without Physical Exercise in Experimental Autoimmune Encephalomyelitis in Rats" on International Conference on Pharmaceutical & Healthcare Sciences, Faculty of Pharmacy, Alexandria University.
- 11-12th March 2020: Poster presentation titled "Stimulation of the Cholinergic System Improves Experimental Autoimmune Encephalomyelitis Physically Exercised Rats" on the 2nd PUA International Conference on "Multidisciplinary approaches in pharmaceutical sciences, 2nd PUA-ICMAPS", Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 27th April 2024: Poster presentation titled "Morin Hydrate Ameliorates Endoplasmic Reticulum Stress-Induced Apoptosis and Mitophagy in Huntington's Disease- an Experimental Neuroprotective Approach" on the 4th PUA International Conference on Perspectives in Pharmaceutical Sciences "Digitalization and Sustainability", 4th PUA IC-PPS 2024, Faculty of Pharmacy, Pharos University in Alexandria.

Attended several Conferences and Workshops:

- 3rd -5th Dec 2009: clinical skills session and workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 9th -13th Feb 2010: Selling Skills, Negotiation Skills, Communication Skills, Pharmaceutical Marketing and Leadership Skills workshops, EPSF.
- 2nd August 2010- 5th August 2010: The 2nd RNAi workshop, Bibliotheca Alexandrina.
- 3th March 2012: First Aid workshop and session, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 13th March 2012: Alsalama Hospital session (Clinical Pharmacy, laboratory tests, TPN), Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 12th May 2012: 5th annual Pharmacy Day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (Include A session titled Herbal Medicine and future of clinical Pharmacy)
- 11th May 2013: 6th annual Pharmacy day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (Include A session titled Clinical Pharmacy now and then, Pharmacovigilance).
- 15th -19th Sep 2013: Emergency Medicine Session, Egyptian Medical Syndicate and Alexandria University.
- 5th June 2014: 7th Annual Pharmacy day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (Include A session titled Industrial and community Pharmacy).
- 24th -25th December 2014: Pharmaceutical Biotechnology (Revolution of science) Conference, Institute of Graduate Studies and Research, Alexandria University.
- 27th January 2015: Interactive learning workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.

- 1st -4th February 2015: The Uses of Electron Microscopy in Applications of Nanotechnology in industry Training Course including Pharmaceutical Nanotechnology and Drug Development, Electron Microscopy unit, Faculty of Science, Alexandria University.
- 9h February 2015: Academic Advising workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 12th May 2015: Annual Scientific day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 14th May 2015: 8th Annual Pharmacy day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria (Include A session titled Personalized Medicine, Pharmaceutical Marketing and Management).
- 7th July 2015: Scientific Writing Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 19th July 2015: Participated in the enduring material titled "CME Online Alzheimer's Disease" for 1 Credits at Harvard Medical School –USA- online continuous medical education.
- 23th July 2015: Participated in the enduring material titled "CME Online Lifestyle Medicine: Osteoporosis " for 1 Credits at Harvard Medical school – USA- online continuous medical education.
- 22th August 2015: Participated in the enduring material titled "CME Online Challenging Cases in Toxicology" for 1 Credits at Harvard Medical school –USA-online continuous medical education.
- 23th August 2015: participated in the enduring material titled "CME Online Challenging Cases in Toxicology II " for 1 Credits at Harvard Medical school –USA- online continuous medical education.
- 27th – 29th October 2015: 1st PUA International Conference on Advances in Pharmaceutical Sciences (1st PUA- ICAPS), Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 5th May 2016: 9th annual Pharmacy day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 27th June 2016: End Note Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 21th November 2016: The Academic test of English as a foreign language, Cairo University.
- 11th January 2017: Participated in the enduring material titled "Introduction to Food &Health" for 1 Credits at Stanford University School of Medicine - online continuous medical education.
- 15th January 2017: Completed "Vital Signs: Understanding What the Body Is Telling us" at University of Pennsylvania - online continuous medical education.
- 20th January 2017: Completed "Epidemics, Pandemics and Outbreaks" at University of Pittsburgh - online continuous medical education.
- 30th January 2017: Completed "AIDS: Fear and Hope " at University of Michigan - online continuous medical education.
- 31th January 2017: Completed "Ebola Virus Disease: An Evolving Epidemic " at Emory University - online continuous medical education.
- 22th February 2017: Completed "Understanding Prostate Cancer" at Johns Hopkins University - online continuous medical education.
- 24th February 2017: Completed "Ebola and Beyond: High Level Biocontainment for Healthcare Facilities " at University of Nebraska - online continuous medical education.
- 28th February 2017: Annual Scientific Day of Pharmacology and Toxicology Department, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 8th – 9th March 2017: 6th Arab Conference on Medical Liability Titled" Health Governance: Professional Accountability and Legal Liability "conference equivalent to 6 CME Credit Hours, Faculty of Medicine, Alexandria University, Egypt.
- 16th March 2017: Completed "Teaching Science at University" at University of Zurich - online continuous medical education.
- 19th March 2017: Participated in the Educational Activity Titled "Dry Eye Disease: Consulting the Pharmacist " This program has been reviewed by the Faculty of Pharmaceutical Medicine (USA) and approved for CPD. This program has been allocated 0.25 CPD credit.
- 9th May 2017: Annual Scientific Day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 30-31th July 2017: Biostatistics Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 25th September 2017: Participated in the Educational Activity Titled "introduction to biosimilars: why they are comparable to original biologics" This program has been reviewed by the Faculty of Pharmaceutical Medicine (USA) and approved for CPD. This program has been allocated 0.50 CPD credit.

- 31th October 2017: Academic standards and Educational Programs Workshop, Quality Assurance Unit, Pharos University in Alexandria.
- 9th November 2017: The 6th Conference of Egyptian Society of Physiological sciences and the 2nd conference of human Physiology Department- Medical Research Institute-Alexandria University "Titled "Recent Advances in Obesity Research ".
- 13th March 2018: Annual Scientific Day of Department of Pharmacology and Toxicology, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 12th April 2018: Writing a scientific Research proposal Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 19th April 2018: Different ways to search in Egyptian Knowledge Bank (EKB) Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 30th April 2018: 11th annual pharmacy day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria Include a session titled (Pharmacovigilance from Basics to Practice).
- 8th May 2018: Annual Scientific Day of Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 31th July 2018: Cell press journals awareness (Elsevier) workshop.
- 12th February 2019: Pharos LMS workshop, Pharos University in Alexandria.
- 27th February-1st March 2019: The 11th Annual conference of Neuropsychiatry Department, Faculty of Medicine, Alexandria University "Alex Neuroscience 2019".
- 5th March 2019: Sustainable development and its applications workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 16th April 2019: Annual Scientific Day, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 26th June 2019: Participated in the Educational Activity Titled " Emerging immunologic Therapies for Multiple Sclerosis: Impact on Managed Care & Specialty Pharmacy " The Postgraduate Institute for Medicine (USA) designates this continuing education activity for 1.5 contact hour (s) of the Accreditation Council for Pharmacy Education.
- 26th June 2019: Participated in the Educational Activity Titled "Hot Topics in Rheumatic Diseases: Highlights from Chicago " This program has been reviewed by the Faculty of Pharmaceutical Medicine (USA) and approved for CPD. This program has been allocated 0.75 CPD credit.
- 6-7th November 2019: 1st International Conference on Pharmaceutical & Healthcare Sciences, Faculty of Pharmacy, Alexandria University.
- 27th January 2020: Academic advising meeting, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 3rd February 2020: Academic advising meeting, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 3rd February 2020: Academic advising training workshop (Power campus), Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 18th February 2020: Egyptian Knowledge Bank (EKB) Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 9-10th March 2020: Flipped classroom Workshop entitled "How to implement flipped classroom in university courses" on the 2nd PUA International Conference on "Multidisciplinary approaches in pharmaceutical sciences, 2nd PUA- ICMAPS", Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 11-12th March 2020: 2nd PUA International Conference on "Multidisciplinary approaches in pharmaceutical sciences, 2nd PUA- ICMAPS", Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 20-28th June 2020: Management of infectious diseases Webinar, EVAPHARMA and accredited by Skaggs School of Pharmacy & Pharmaceutical sciences, University of Colorado.
- 30th June 2020: Participated in the enduring material titled "Mental Health Effects of the COVID-19 Pandemic" for 1 Credit at Harvard Medical School –USA- online continuous medical education.
- 30th June 2020: Participated in the enduring material titled "Medical Education in the Post-COVID-19 Era: Preparing Faculty and Enabling Learning" for 1 Credit at Harvard Medical School –USA- online continuous medical education.
- 7th July 2020: 2nd Annual Conference of Medical Microbiology and immunology department "COVID-19 Pandemic; challenges, experience and prospect", College of Medicine, Beni-Suef University.

- 22th July 2020: E-Cheating and e-Authentication Workshop, Alexandria University.
- 26th July 2020: Multi Media Creation Workshop, Alexandria University.
- 29th July 2020: Flipped classroom Workshop, Alexandria University.
- 31h July- 1st August 2020: International IPSF Virtual Conference on "Pharmacy Profession in the face of Public Health Emergencies", Netherlands.
- 3rd August 2020: successfully completed the following module "Guide to reference managers: How to effectively manage your references", Elsevier researcher academy.
- 3rd August 2020: successfully completed the following module "How to prepare your manuscript", Elsevier researcher academy.
- 3rd August 2020: successfully completed the following module "Structuring your article correctly", Elsevier researcher academy.
- 3rd August 2020: successfully completed the following module "How to write an abstract and improve your article", Elsevier researcher academy.
- 3rd August 2020: successfully completed every module within "Fundamentals of manuscript preparation", Elsevier researcher academy.
- 5th August 2020: Gamification in Education Workshop, Alexandria University.
- 9th August 2020: Interactive Class and Online Learning Activities Workshop, Alexandria University.
- 10-17th August 2020: Pain Management: Pharmacist's Evolving Role Webinar, EVAPHARMA and accredited by American & Egyptian association of continuing medical education for 3 Credits.
- 12th August 2020: Interactive PowerPoint presentations for teachers and students Workshop, Alexandria University.
- 14th August 2020: Electronic Course Portfolio Workshop, Alexandria University.
- 16th August 2020: Competency Based Learning Workshop, Alexandria University.
- 23th August 2020: Professors as Entrepreneurs Workshop, Alexandria University.
- 24-31th August 2020: Basic of Sports Nutrition & dietary Supplements for Pharmacists Webinar, EVAPHARMA and accredited by American & Egyptian association of continuing medical education for 3 Credits.
- 26th August 2020: Learning through Art Workshop, Alexandria University.
- 26th August 2020: Participated in the scientific activities of the virtual meeting titled "The Future of ESUS", Neurology department, Ain Shams University and accredited by American association of continuing medical education.
- 30th August 2020: Creating Interactive Learning Content Workshop, Alexandria University.
- 2nd September 2020: Mobile Learning Workshop, Alexandria University.
- 3-4th September 2020: The 17th Annual Conference of Grand clinical round (GCR) by Egyptian scientific society of Bronchology & world association for Bronchology and Interventional Pulmonology for 8 Credits.
- 23-30th September 2020: Sexual relationship management Webinar, EVAPHARMA and accredited by Egyptian society of sexual medicine and surgery.
- 13-16th October 2020: The 7th Egyptian Congress of Pediatric Pulmonology, organized by Egyptian Pediatric Pulmonology society, Endorsed by American thoracic society and European Respiratory society and accredited by The European Accreditation Council for CME for 25 Credits.
- 21st October 2020: International Computer Driving License (ICDL)
- 7th January 2021: Nuclear Pharmacy Webinar (student activities), Faculty of Pharmacy, Pharos University in Alexandria.
- 18th May 2021: Annual Scientific Day of Faculty of Pharmacy, Pharos University in Alexandria.
- 10th August 2021: "Maximizing the use of the Egyptian knowledge Bank's resources and services" Webinar, National research centre, Cairo, Egypt.
- 11th August 2021: "Avoid predatory journals as threats to academic publishing" Webinar, College of Pharmaceutical Sciences and Drug Manufacturing, Misr University for Science & Technology, Cairo, Egypt.
- 22nd August 2021: "Towards a deeper research impact: How can I increase the visibility of my published research?" Webinar, National research centre, Cairo, Egypt.
- 14th -15th September 2021: 17th international conference of national committee of Biochemistry & Molecular biology "COVID-19: Preparing for the Next Pandemic" organized by American University in Cairo (AUC) and Egyptian ministry of scientific research.

- 23th-24th September 2021: The 18th Annual Conference of Grand clinical round (GCR) by Egyptian scientific society of Bronchology & Faculty of Medicine, Alexandria University and accredited by American association of continuing medical education for 17 Credit hours.
- 13th-14th October 2021: The international Congress of Pediatric Cardiology Unit, Cairo University.
- 6th November 2021: 1st Conference of Pharmaceutical Sciences, Badr University in Cairo (BUCPS) approved by Egyptian association of continuing medical education for 1 Credit.
- 6th November 2021: TOEFL IBT.
- 26th- 27th November 2021: The 3rd Egyptian International Conference on Microbiota & Microbiome in Health and Diseases under patronage of the Egyptian Foundation of Microbiome sciences and its applications.
- 27th- 28th November 2021: Artificial intelligence in healthcare webinar (PHS 2021), Faculty of Pharmacy, Alexandria University.
- 26th February- 5th March 2022: The Beyond Sciences Initiative 7th International Remote Conference: Science & Society, Department of Immunology, University of Toronto.
- 14th May 2022: Third PUA International Conference on "Innovation in Pharmaceutical Sciences", 3rd PUA- IC-IPS", Faculty of Pharmacy, Pharos University in Alexandria.
- 30th August 2022: "Accelerate Your Science Research and Education Through JoVE" workshop, Provided by JoVE and Egyptian knowledge bank.
- 7th September 2022: "How to Easily Navigate Through Springer Nature Platform in collaboration with Egyptian Knowledge Bank" workshop, Provided by Springer Nature and Egyptian knowledge bank.
- 21th September 2022: "Open Access for Egypt - What you need to know" workshop, Provided by Springer Nature, Egyptian knowledge bank and The Science, Technology & Innovation Funding Authority (STDF).
- 4th October 2022: "Private Sector Pharmacists Family Planning" Training course, provided by Family Planning Sector, The Egyptian Ministry of Health and Population.
- 8th December 2022: The 46th International Scientific Conference of The Egyptian Society of Histology and Cytology "Recent Trends in Histology, Promoting Efficient Clinical Advances".
- 27th December 2022: "Tasks of Quality coordinators in scientific departments" workshop, Pharos University in Alexandria.
- 5th February 2023: Academic Advising workshop, Faculty of Pharmacy, Pharos University in Alexandria.
- 25th -26th February& 18th March 2023: Th-e Beyond Sciences Initiative 8th International Remote Conference: Science & Society, Department of Immunology, University of Toronto.
- 23th May 2023: Scientific day of Department of Pharmacology & Therapeutics, Faculty of Pharmacy, Pharos University in Alexandria.
- 30th May 2023: Scientific day of The Faculty of Pharmacy, Pharos University in Alexandria.
- 12th June 2023: "Research Methodology" workshop, Provided by Springer Nature, Egyptian knowledge bank and The Science, Technology & Innovation Funding Authority (STDF).
- 13th June 2023: "Grant Writing" workshop, Provided by Springer Nature, Egyptian knowledge bank and The Science, Technology & Innovation Funding Authority (STDF).
- 13th June 2023: "Personalized pain management- Paracetamol" webinar, Provided by CPD Certification Service, London, UK.
- 14th June 2023: "Personalized pain management- Topical NSAIDs" webinar, Provided by CPD Certification Service, London, UK.
- 18th June 2023: "Writing a Research Paper " workshop, Provided by Springer Nature, Egyptian knowledge bank and The Science, Technology & Innovation Funding Authority (STDF).
- 19th September 2023: ELISA Technique Workshop, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- 20th September 2023: "Impressive Academic Presentations" workshop, Provided by Springer Nature and Egyptian knowledge bank.
- 7th November 2023: A symposium entitled "Fourth Generation Wars, Future jobs, and the extent of the impact of artificial intelligence on current jobs", Faculty of Engineering, Pharos University in Alexandria.
- 16th November 2023: successfully completed the following module "Generative AI: New policies, opportunities, and risks", Elsevier researcher academy.

- 26th December 2023: Scientific day of Department of Pharmacology&Therapeutics, Faculty of Pharmacy, Pharos University in Alexandria.
- 2nd January 2024: Digital Learning Workshop, Faculty of Pharmacy, Pharos University in Alexandria.
- 6th February 2024: successfully accomplished and passed the full exams of the "Fundamentals of Digital Transformation Certificate", Cairo University.
- 3th -4h &23thMarch 2024: The Beyond Sciences Initiative 9th International Remote Conference: Science & Society, Department of Immunology, University of Toronto.
- 27th April 2024: Fourth PUA International Conference on Perspectives in Pharmaceutical Sciences "Digitalization and Sustainability" (4th PUA IC-PPS 2024), Faculty of Pharmacy, Pharos University in Alexandria.
- 1st -3rd May 2024: The 16th Annual Conference of Neuropsychiatry Department, Faculty of Medicine, Alexandria University, "Alex Neuroscience 2024".

EDC-CPD WORKSHOPS:

- 1st September 2014: Orientation to PUA, Research and postgraduate studies, Registration system.
- 3rd September 2014: Credit hour system, Academic Advising.
- 4th September 2014: Academic Integrity, Quality Assurance.
- 7th September 2014: Philosophy of Teaching, Learning Styles.
- 8th September 2014: Managing Lectures, Interactive Modalities.
- 2nd December 2014: Motivation and feedback.
- 17th March 2015: Students' assessment (1).
- 24th March 2015: Syllabus construction and design.
- 21st April 2015: Students' assessment (2).
- & awarded a certificate of achievement to certify that he had successfully completed the continuous professional development course in pedagogy, a seven-module program, held at Pharos University during the year 2014-2015.
- 8th November 2016: Positive Thinking workshop.
- 18th December 2016: International Publication workshop.
- 7th November 2017: Decision making and problem-solving workshop.
- 4th December 2017: Self Archiving and Proper Scientific Writing workshop.
- 19th December 2018: working under stress skills workshop.
- 16th April 2019: Research ethics and Misconduct workshop.
- 18th November 2019: Effective teaching tools workshop.
- 12th May 2020: Creating an interactive online classroom workshop.
- 29th December 2020: Learning styles and strategies workshop.
- 20- 21th April 2021: International scientific publication workshop.
- 11th December 2021: Critical Thinking workshop.
- 15th May 2022: Crisis Management workshop.
- 1st November 2022: Academic Integrity workshop.
- 30th May 2023: Time Management workshop.
- 26th October 2023: Stress Management Tools for Creative Achievements workshop.
- 12th March 2024: Blended Learning workshop.

PUA Memberships:

- A member in "Educational programs and Academic Standards" standard (Quality Assurance) and participated in the accreditation of Faculty of Pharmacy and Drug Manufacturing – Pharos University in Alexandria by National Authority for Quality Assurance and Academic Accreditation in Egypt (NAQAEE) 21-3-2016 to be the first Faculty of Pharmacy in Alexandria and the Second private Faculty of pharmacy in Egypt to Got this certificate. Also participated in the renewal of accreditation 24-11-2021.
- A member in "Students social Activities" committee, Faculty of Pharmacy and Drug Manufacturing, PUA (2015-2019)
- A member in "Results Archive" committee, Faculty of Pharmacy and Drug Manufacturing, PUA.
- A member in "Steering committee" on the 1st PUA international conference (Advances in Pharmaceutical Sciences, 1st PUA- ICAPS).
- A member in "Exhibition committee" on the 2nd PUA international conference (Multidisciplinary approaches in Pharmaceutical sciences, 2nd PUA- ICMAPS).
- A member in "Exhibition committee" on the 3rd PUA international conference (Innovation in Pharmaceutical sciences, 3rd PUA IC-IPS 2022).
- A member in "Exhibition committee" on the 4th PUA international conference (Perspectives in Pharmaceutical sciences: Digitalization and Sustainability, 4th PUA IC-PPS 2024).
- A member in different control committees for different levels.
- An academic advisor for Faculty of Pharmacy students, PUA.
- A supervisor for Junior and mid- senior students in the summer training of The Faculty of Pharmacy and Drug Manufacturing, PUA.
- A member in "new students welcoming" committee, PUA (2015-2023)

Other Memberships:

- A member of Egyptian Pharmacist syndicate.
- A member of Alexandria syndicate of Pharmacists.
- An Editorial Board Member of Universal Journal of Pharmaceutical Research.
- American Society for Pharmacology and Experimental Therapeutics membership

Teaching of Undergraduate subjects of Pharmacology and Therapeutics department

Supervised many undergraduate projects:

- Fall 2014-2015: Project titled (waste disposal problem in Egypt).
- Spring 2014-2015: Project titled (smoking).
- Fall 2015-2016: Project titled (the relationship between Chemical food Preservative and the incidence of cancer).
- Spring 2015-2016: Project titled (obesity).
- Fall 2016-2017: Project titled (Assessment of Old and New Oral Anti-diabetic medication).
- Spring 2016-2017: Project titled (Assessment of advanced HCV treatment in Egyptian patients: A Patient Questionnaire –based Study).
- Fall 2017-2018: Project titled (Assessment of community awareness regarding the proper use of corticosteroids: a questionnaire-based study).
- Spring 2017-2018: Project titled (Assessment of breast cancer awareness in women in districts: a questionnaire-based study).
- Fall 2019-2020: Project titled (Vitamin D: The Subtle Disease Fighter and its Indispensable Impact on Body Systems: a questionnaire-based analysis).
- Spring 2020-2021: Project titled (COVID-19 Severity in Relation to Sociodemographics and Vitamin D Use).
- Fall 2021-2022: Project titled (Assessment of post- COVID-19 infection neurological symptoms using a questionnaire- based study).
- Fall 2022-2023: Project titled (The Effect of Climate Change on Human Health).
- Fall 2023-2024: Project titled (Assessing public awareness for Domestic Chemicals & Drug Overdose Toxicity using a questionnaire-based study).