

Mahmoud Samy Abdallah, PhD

Associate Professor of Clinical Pharmacy

PharmD Department, Faculty of Pharmacy, Jadara University,
Irbid, Jordan

[Google Scholar](#) | [ResearchGate](#) | [ORCID](#)
[Scopus](#) | [Web of Science \(G-7905-2017\)](#) | [LinkedIn](#)



PROFESSIONAL SUMMARY

Qualified clinical pharmacist with over a decade of experience across community, hospital, and academic settings, and a PhD in Clinical Pharmacy (Tanta University, 2018). Clinical background spans gastroenterology, psychiatry, infectious disease, rheumatoid arthritis, and diabetes, with research interests in pharmacology, pharmacotherapy, drug interactions, pharmacy practice, and patient monitoring and counseling.

Nine years of university teaching experience, including as a founding department coordinator, with a strong track record of translating research into patient-centered practice. Currently Associate Professor of Clinical Pharmacy at Jadara University, Jordan, with 40+ peer-reviewed publications, active roles supervising graduate research, and more than 85 verified peer reviews for Web of Science-indexed journals.

EDUCATION

December 2018	PhD in Clinical Pharmacy — Faculty of Pharmacy, Tanta University, Tanta, Egypt Thesis: <i>Role of Pentoxifylline as an Adjuvant Therapy in the Treatment of Adult Patients with Major Depressive Disorder</i>
June 2014	MSc in Pharmaceutical Sciences and Clinical Pharmacy — Faculty of Pharmacy, Tanta University, Tanta, Egypt Thesis: <i>Role of Pentoxifylline and Sparfloxacin in Prophylaxis of Spontaneous Bacterial Peritonitis in Cirrhotic Patients</i>
May 2007	BSc in Pharmaceutical Sciences — Faculty of Pharmacy, Tanta University, Tanta, Egypt Excellent with Honors — ranked 11th of ~1,200 students (87.17%)

PROFESSIONAL EXPERIENCE

Associate Professor

March 2024 – Present

PharmD Department, Faculty of Pharmacy, Jadara University, Jordan

- Teach Clinical Pharmacy and Therapeutics, OTC, and selected topics in Pharmacy and Pharmacology to PharmD students; teach Advanced Biostatistics to Master's students.

Associate Professor (2024) / Assistant Professor (2019–2023)

Feb 2024 – Mar 2024 / Feb 2019 – Dec 2023

Clinical Pharmacy Department, Faculty of Pharmacy, University of Sadat City — Department Supervisor

- Taught pharmacotherapy, advanced drug information, clinical pharmacokinetics, drug interactions, healthcare, hospital pharmacy and pharmacy practice, and community pharmacy courses (theoretical and practical) across Clinical Pharmacy diploma and undergraduate programs.
- Taught pharmacotherapy and clinical pharmacy (cardiology, endocrine, oncology, hepatology, gastroenterology, infectious diseases, virology, dermatology, and CNS) to level 5 students, and clinical pharmacokinetics and drug interactions courses at Faculty of Pharmacy, Menoufia University.
- Supervised the corresponding practical/lab courses across all of the above.
- Participated in setting the faculty bylaws for undergraduate and postgraduate programs as department coordinator, and designed and revised course specifications and ILOs as quality-team coordinator.
- Supervised students' assignments and graduation projects.
- Established the Clinical Pharmacy department end-to-end — selecting and building the team, creating departmental systems, and training each teaching assistant.
- Directed, organized, and monitored the performance of the department's pharmacist team to meet departmental objectives.

Clinical teaching & practice training, integrated throughout the above role:

- Trained students in reviewing patients' medical files, labs, and reports to optimize drug therapy, and in verifying that each prescribed medication has a corresponding indication (flagging therapy to add or omit).
- Trained students to check dosing against age group, hepatic/renal function, and disease severity, identifying sub-therapeutic or excessive doses for physician discussion, and to follow drug-monitoring parameters to confirm therapeutic goals with minimal adverse effects.
- Trained students to screen for drug-drug, drug-food, drug-disease, and drug-lab interactions and document interaction-risk categories, and to verify correct nurse medication administration (right dose, time, route, frequency, patient).
- Trained students to proactively counsel nurses, ward staff, and patients on safe medication use — including designing patient/nurse educational brochures and leaflets — and to report medication errors across the prescribing-to-administration pathway.
- Trained students to respond to physicians' and nurses' pharmacotherapy and drug-interaction queries with current evidence, and to support clinical decision-making in drug selection and monitoring.

Assistant Lecturer

Dec 2016 – Feb 2019

Clinical Pharmacy Department, Faculty of Pharmacy, University of Sadat City

- Taught practical clinical courses for PharmD students, including hospital pharmacy, biopharmaceutics and pharmacokinetics, clinical pharmacokinetics, drug interactions, and patient counseling.
- Supervised student case presentations and journal clubs.

Assistant Lecturer

Oct 2014 – Dec 2016

Clinical Pharmacy Department, Faculty of Pharmacy, Badr University in Cairo

- Taught practical clinical courses for PharmD students, including hospital pharmacy, clinical pharmacokinetics, drug interactions, and patient counseling.
- Supervised case presentations and journal clubs for fellows.

Methodology Senior Analyst

Sep 2009 – Oct 2014

R&D Department, Sigma Pharmaceutical Company

- Developed and validated new analytical methods for new products, ensuring compliance with international standards and pharmacopoeia specifications.
- Improved existing analytical methods and supported the Registration and Formulation departments.
- Conducted analysis for R&D trials on new and in-development products, and performed periodic testing to confirm method validity.

Hospital Pharmacist

Aug 2008 – Sep 2009

Health Unit, Mit Barra

- Reviewed and dispensed prescription medicines for inpatients and outpatients.
- Counseled outpatients at the pre-paid department and prepared drug information leaflets.
- Managed medical supplies orders, monthly consumption reporting, and inventory.

Community Pharmacy Dispenser

2007 – 2014 (Afternoon Shift)

Community Pharmacy

- Dispensed and reviewed prescription medicines and OTC products for the public.
- Responded to symptoms, counseled, and advised the public on treatment of minor ailments.
- Managed drug orders to the nearby hospital.

PUBLICATIONS

1. **Abdallah MS**, Mahafdeh R, Alrubayyi BZ, AlRasheed HA. Physicians' Knowledge and Practice Regarding Multiple Sclerosis (MS) in Saudi Arabia: A Cross-Sectional Study. *Journal of Multidisciplinary Healthcare*. 2026;19:601699. (IF: 3.0, Q2)
2. Mosalam EM, **Abdallah MS**, Gardouh AR, Hamza E, Bahaa MM, Nazih M, et al. SIRT1 in Brain Aging: Molecular Mechanisms and Therapeutic Potential of Pharmacological and Natural Modulators. *Biogerontology*. 2026;27(4):137. (IF: 5.3, Q1)
3. Mosalam EM, **Abdallah MS**, Gardouh AR, Hamza E, Bahaa MM, Nazih M, et al. The Cross-Talk Between GSK-3 β , RKIP, and PTEN as Potential Targets for Therapeutic Implications in Cancer: A Comprehensive Insight. *Journal of Pharmacy & Pharmaceutical Sciences*. 2026;29:16610. (IF: 4.3, Q1)
4. Abdel-Bar HM, **Abdallah MS**, Abdelkader H, Alamri AH, El-Naggar ME, et al. Engineered Bilosomal Vesicles Drive Oral and Lymphatic Delivery of Entecavir: Insights into Cellular Uptake and Pharmacokinetics. *Journal of Drug Delivery Science and Technology*. 2026;108471. (IF: 5.2, Q1)
5. Sayed ZA, Rababa'h S, Abd Elnaeem MM, Khalifeh AH, Fadlalmola HA, **Abdallah MS**, et al. Effect of Different Position Strategies on Physiologic Hemodynamics Parameters Among Critically Ill Patients in ICU: A Quasi-Experimental Study. *Heart & Lung*. 2026;79:102828. (IF: 2.6, Q1)
6. **Abdallah MS**, Al Meanazel OT, Alruwaili ORF, Aldossary KM. Knowledge of Statin Therapy and Monitoring Parameters, and the Challenges to Implementing Guidelines in Clinical Practice Among Physicians and Pharmacists in Saudi Arabia: A Cross-Sectional Study. *Critical Public Health*. 2026;36(1). doi:10.1080/09581596.2026.2630143 (IF: 2.6, Q2)
7. Gardouh AR, **Abdallah MS**, Alanazi KD, Aldossary KM. Physicians' Awareness and Knowledge of Barriers to Medication Adherence in Cardiovascular Patients and Strategies Employed in Clinical Practice in Saudi Arabia: A Cross-Sectional Study. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing*. 2026;63. doi:10.1177/00469580261427422 (IF: 2.3, Q2)
8. AlRasheed HA, **Abdallah MS**, Mosalam EM, et al. Modulation of mTOR, NLRP3, and Nrf2/HO-1 Signaling by Atorvastatin and Nitazoxanide in Experimental Ulcerative Colitis. *Naunyn-Schmiedeberg's Archives of Pharmacology*. 2026. doi:10.1007/s00210-026-05242-8 (IF: 3.1, Q2)
9. Abdel-Bar HM, ElKashlan AM, Madkour AB, **Abdallah MS**, Hamdi M, Ali IH. Hyaluronic Acid-Mediated Nanocomplexation Enhances Ocular Retention and Therapeutic Efficacy of Dorzolamide in a Biodegradable Gelatin Insert. *International Journal of Biological Macromolecules*. 2026 Apr;355:151577. doi:10.1016/j.ijbiomac.2026.151577. PMID: 41864379 (IF: 8.7, Q1)
10. Bahaa MM, **Abdallah MS**, Mosalam EM, Gardouh AR, Nazih M, Hamza E, Al-Dhelaan RA, Kamal N. Ulcerative Colitis, Pathophysiological Mechanisms and Drug Repurposing: A New Therapeutic Dawn — Narrative Review. *Inflammopharmacology*. 2026 Mar 2. doi:10.1007/s10787-025-02101-5. PMID: 41770503 (IF: 5.3, Q1)
11. Aldossary KM, **Abdallah MS**, Mosalam EM, Kamal N, Saif DS, Elsayed SA, Afifi N, Zakaraia HG, Khriebea MO, Bahaa MM. Efficacy of Paroxetine as an Adjuvant Therapy in Rheumatoid Arthritis Patients: A Randomized Controlled Study. *Drug Design, Development and Therapy*. 2025 Dec 30;19:11925–11939. doi:10.2147/DDDT.S572677 (IF: 5.1, Q1)
12. Aldossary KM, **Abdallah MS**, Kamal N, et al. Therapeutic Modulation of IL-6/STAT-3 and Nitric Oxide by Fenofibrate in Patients With Ulcerative Colitis: A Randomized Controlled Pilot Study. *Pharmacotherapy*. 2025:1–12. doi:10.1002/phar.70088 (IF: 3.4, Q2)

13. **Abdallah MS**, Al Meanazel OT, Alruwaili MM, AlRasheed HA. Healthcare Workers' Knowledge, Awareness, and Practices Regarding Antimicrobial Use, Resistance, and Stewardship in Saudi Arabia. *Infection and Drug Resistance*. 2025 Nov 19;18:6035–6050. doi:10.2147/IDR.S566247. PMID: 41287815; PMCID: PMC12640591 (IF: 2.9, Q2)
14. AlRasheed HA, **Abdallah MS**, El-Khateeb E, Kamal M, Alrubia S, Alsegiani AS, Ahmed TI, Bahaa MM. A Randomized Controlled Pilot Study Evaluating the Safety and Efficacy of Nifuroxazide in Patients with Ulcerative Colitis. *Drug Design, Development and Therapy*. 2025;19:5539–5552. (IF: 5.1, Q1)
15. Alherz FA, **Abdallah MS**, Mosalam EM, Bahaa MM, Elmasry TA, El-Gammal MA, Negm WA, Elberri A, Elshorbagi N, Abo Mansour HE, Hamouda AO, Salahuddin MM, Yasser M, Eldesoqui M, Alrubia S, Alsegiani AS, El-Khateeb E, ElMahdy MK, Wahsh E. Colonic Protective Effects of Pentoxifylline Alone or in Combination With Mesalamine in Colitis Through Sphingosine Kinase 1/Sphingosine 1 Phosphate and Zonula Occludens-1 Pathways: A New Molecular Approach. *Pharmacology Research & Perspectives*. 2025 Jun;13(3):e70115. doi:10.1002/prp2.70115 (IF: 2.3, Q3). PMID: 40387460; PMCID: PMC12087294
16. Alarfaj SJ, Bahaa MM, Elmasry TA, Elberri EI, El-Khateeb E, Hamouda AO, Salahuddin MM, Kamal M, Gadallah AA, Eltantawy N, Yasser M, Negm WA, Hamouda MA, Alsegiani AS, Alrubia S, Eldesoqui M, **Abdallah MS**. Fenofibrate as an Adjunct Therapy for Ulcerative Colitis: Targeting Inflammation via SIRT1, NLRP3, and AMPK Pathways: A Randomized Controlled Pilot Study. *Drug Design, Development and Therapy*. 2024 Nov 16;18:5239–5253. doi:10.2147/DDDT.S490772. PMID: 39575188; PMCID: PMC11578921 (IF: 5.1, Q1)
17. Binsaleh AY, **Abdallah MS**, Osman BM, Bahaa MM, Alsubaie N, Elmasry TA, Yasser M, Eldesoqui M, Gadallah ANAA, Hamouda MA, et al. Antimicrobial Stewardship Intervention for the Family Caregiver Attending Primary Health Care Setting: A Quasi-Experimental Study. *Antibiotics*. 2024;13(12):1145. doi:10.3390/antibiotics13121145 (IF: 4.6, Q1)
18. Sabit H, Abdel-Ghany S, **Abdallah MS**, Abul-Maaty O, Khoder AI, Shoman NA, Farrag MS, Martasek P, Noreddin AM, Nazih M. Vitamin D: A Key Player in COVID-19 Immunity and Lessons from the Pandemic to Combat Immune-Evasive Variants. *Inflammopharmacology*. 2024 Dec;32(6):3631–3652. doi:10.1007/s10787-024-01578-w (IF: 4.6, Q1). PMID: 39406981; PMCID: PMC11550250
19. Mosalam EM, Abdel-Bar HM, Elberri AI, **Abdallah MS**, Zidan AA, Batakoushy HA, Abo Mansour HE. Enhanced Neuroprotective Effect of Verapamil-Loaded Hyaluronic Acid Modified Carbon Quantum Dots in an In-Vitro Model of Amyloid-Induced Alzheimer's Disease. *International Journal of Biological Macromolecules*. 2024 Aug;275(Pt 2):133742. doi:10.1016/j.ijbiomac.2024.133742 (IF: 8.5, Q1)
20. Badawoud AM, Ali LS, **Abdallah MS**, El Sabaa RM, Bahaa MM, Elmasry TA, Wahsh E, Yasser M, Eltantawy N, Eldesoqui M, Hamouda MA. The Relation Between Parkinson's Disease and Non-Steroidal Anti-Inflammatories: A Systematic Review and Meta-Analysis. *Frontiers in Pharmacology*. 2024 Jul 31;15:1434512. doi:10.3389/fphar.2024.1434512 (IF: 4.4, Q1)
21. Mosalam EM, Elberri AI, **Abdallah MS**, Abdel-Bar HM, Zidan AA, Batakoushy HA, Abo Mansour HE. Mechanistic Insights of Neuroprotective Efficacy of Verapamil-Loaded Carbon Quantum Dots against LPS-Induced Neurotoxicity in Rats. *International Journal of Molecular Sciences*. 2024 Jul 16;25(14):7790. doi:10.3390/ijms25147790 (IF: 4.9, Q1)
22. Kamal N, **Abdallah MS**, Abdel Wahed E, Sabri NA, Fahmy SF. Evaluation of the Effect of Loratadine versus Diosmin/Hesperidin Combination on Vinca Alkaloids-Induced Neuropathy: A Randomized Controlled Clinical Trial. *Pharmaceuticals*. 2024 May 9;17(5):609. doi:10.3390/ph17050609 (IF: 4.3, Q1)
23. Aldossary KM, Ali LS, **Abdallah MS**, Bahaa MM, Elmasry TA, Elberri EI, Kotkata FA, El Sabaa RM, Elmorsi YM, Kamel MM, Negm WA, Elberri AI, Hamouda AO, AlRasheed HA, Salahuddin MM, Yasser M, Hamouda MA. Effect of a High-Dose Atorvastatin as Added-On Therapy on Symptoms and Serum AMPK/NLRP3 Inflammasome and IL-6/STAT3 Axes in Patients with Major Depressive Disorder: Randomized Controlled Clinical Study. *Frontiers in Pharmacology*. 2024 May 24;15:1381523. doi:10.3389/fphar.2024.1381523 (IF: 4.4, Q1)
24. Wahsh EA, Warda AEA, **Abdallah MS**, et al. Assessment of Potential Drug–Drug Interaction Knowledge, Attitude, and Practice Among Egyptian Hospital and Community Pharmacists: A Cross-Sectional Multicenter Study. *Future Journal of Pharmaceutical Sciences*. 2024;10:9. doi:10.1186/s43094-024-00580-x (IF: 2.6)
25. Abdelsattar S, Fahim SA, Kamel HFM, Al-Amodi H, Kasemy ZA, Khalil FO, **Abdallah MS**, Bedair HM, Gadallah ANAA, Sabry A, et al. The Potential Role of Circulating Long Miscellaneous RNAs in the Diagnosis and Prognosis of Hepatitis C Related Hepatocellular Carcinoma. *Non-Coding RNA*. 2023;9(5):62. doi:10.3390/ncrna9050062 (IF: 4.3)
26. Mansour NO, Elnaem MH, Abdelaziz DH, Barakat M, Dehele IS, Elrggal ME, **Abdallah MS**. Effects of Early Adjunctive Pharmacotherapy on Serum Levels of Brain Injury Biomarkers in Patients with Brain Injury: A Systematic Review of Randomized Controlled Studies. *Frontiers in Pharmacology*. 2023;14. doi:10.3389/fphar.2023.1185277 (IF: 5.6, Q1)
27. El-Khateeb E, El-Berri EI, Mosalam EM, Nooh MZ, Abdelsattar S, Alghamdi AM, Alrubia S, **Abdallah MS**. Evaluating the Safety and Efficacy of the Leukotriene Receptor Antagonist Montelukast as Adjuvant Therapy in Obese Patients with Type 2 Diabetes

- Mellitus: A Double-Blind, Randomized, Placebo-Controlled Trial. *Frontiers in Pharmacology*. 2023;14:1153653. doi:10.3389/fphar.2023.1153653 (IF: 5.6, Q1)
28. Abdelsattar S, Sweed D, Kamel HFM, Kasemy ZA, Gameel AM, Elzohry H, Ameen O, Elgizawy EI, Sallam A, Mosbeh A, **Abdallah MS**, Khalil FO, Al-Amodi HS, El-Hefnawy SM. The Potential Utility of Circulating Oncofetal H19 Derived miR-675 Expression versus Tissue lncRNA-H19 Expression in Diagnosis and Prognosis of HCC in Egyptian Patients. *Biomolecules*. 2023;13(1):3. doi:10.3390/biom13010003 (IF: 5.5, Q1)
 29. Mosalam EM, Elberri AI, Sallam AS, Salem HR, Metwally EM, **Abdallah MS**, Shaldam MA, Abo Mansour HE. Chronotherapeutic Neuroprotective Effect of Verapamil against Lipopolysaccharide-Induced Neuroinflammation in Mice through Modulation of Calcium-Dependent Genes. *Molecular Medicine*. 2022;28:139. doi:10.1186/s10020-022-00564-8 (IF: 5.7, Q1)
 30. Sweed D, Sweed E, Moaz I, Mosbeh A, Fayed Y, Abd Elhamed SM, Sweed E, Macshut M, Abdelsattar S, Kilany S, Saied SA, Badr R, **Abdallah MS**, Ehsan N. The Clinicopathological and Prognostic Factors of Hepatocellular Carcinoma: A 10-Year Tertiary Center Experience in Egypt. *World Journal of Surgical Oncology*. 2022;20:298. doi:10.1186/s12957-022-02764-2 (Q2, IF: 3.2)
 31. Gad D, Abo Mansour HE, Saad-Allah KM, **Abdallah MS**, Elberri AI, Mosalam EM. Biostimulants Improve the Hepatoprotection of *Ammi visnaga* Seed Yield Extract against Carbon Tetrachloride Induced Acute Hepatitis in Mice through Modulation of MAPK. *Saudi Journal of Biological Sciences*. 2022. (Q1, IF: 4.4)
 32. **Abdallah MS**, Eldeen AH, Tantawy SS, Mostafa TM. The Leukotriene Receptor Antagonist Montelukast in the Treatment of Non-Alcoholic Steatohepatitis: A Proof-of-Concept, Randomized, Double-Blind, Placebo-Controlled Trial. *European Journal of Pharmacology*. 2021 Sep 5;906:174295. (Q2, IF: 5.195)
 33. Elsayah HK, Elsokary MA, **Abdallah MS**, ElShafie AH. Efficacy and Safety of Remdesivir in Hospitalized COVID-19 Patients: Systematic Review and Meta-Analysis Including Network Meta-Analysis. *Reviews in Medical Virology*. 2021;31(4):e2187. doi:10.1002/rmv.2187 (Q1, IF: 11.043)
 34. Saif DS, El Tabl MA, Afifi N, **Abdallah MS**, El Hefnawy SM, Hassanein SA. Interleukin-17A Biomarker as a Predictor for Detection of Early Axial Spondyloarthritis Changes in Patients with Psoriasis. *International Journal of Rheumatic Diseases*. 2020;23(12):1664–1669. doi:10.1111/1756-185X.13997 (Q4, IF: 2.454)
 35. El-Haggar SM, Eissa MAR, Mostafa TM, El-Attar KS, **Abdallah MS**. The Phosphodiesterase Inhibitor Pentoxifylline as a Novel Adjunct to Antidepressants in Major Depressive Disorder Patients: A Proof-of-Concept, Randomized, Double-Blind, Placebo-Controlled Trial. *Psychotherapy and Psychosomatics*. 2018;87:331–339. (Q1, IF: 13.7)
 36. Agiba A, **Abdallah MS**, Shaldam M, Abdallah M. Development and Optimization of Anti-Dandruff Shampoo by Modifying Its Rheological Behavior. *Journal of Applied Cosmetology*. 2016;33:127–136.
 37. Mostafa T, Badra G, **Abdallah M**. The Efficacy and the Immunomodulatory Effect of Rifaximin in Prophylaxis of Spontaneous Bacterial Peritonitis in Cirrhotic Egyptian Patients. *Turkish Journal of Gastroenterology*. 2015;26:6–14. doi:10.5152/tjg.2014.7782
 38. Abdelkawy K, Donia AM, **Abdallah MS**. Pharmacokinetic Interaction of Dapoxetine with Different Doses of Green Tea Extract in Male Healthy Volunteers Using Midazolam as CYP3A4 Enzyme Probe. *Journal of Applied Pharmaceutical Science*. 2015;5(12):001–007. doi:10.7324/JAPS.2015.501201
 39. Eldin AB, Shaldum MA, **Abdallah MS**, Abdallah MA. Applying Green Analytical Chemistry (GAC) for Development of a Stability-Indicating HPLC Method for Determining Clonazepam and Its Related Substances in Pharmaceutical Formulations and Calculating Uncertainty. *Arabian Journal of Chemistry*. 2014. doi:10.1016/j.arabjc.2014.10.051
 40. Mostafa TM, Ibrahim OM, Badra GA, **Abdallah MS**. Role of Pentoxifylline and Sparfloxacin in Prophylaxis of Spontaneous Bacterial Peritonitis in Cirrhotic Patients. *ISRN Gastroenterology*. 2014;2014:595213. doi:10.1155/2014/595213

RESEARCH PROJECTS

- **Member** of a two-year project: “Potential Protective Effect of Verapamil-Loaded Quantum Dots against Lipopolysaccharides-Induced Learning and Memory Impairment; In-Vitro and In-Vivo Alzheimer-Like Models” (Project #45960), funded by the Science, Technology & Innovation Funding Authority (STDF) — EGP 2,500,000.

PEER REVIEW

- More than 85 verified reviews on [Web of Science \(ResearcherID G-7905-2017\)](#)

GRADUATE STUDENT SUPERVISION

- PhD Thesis: Evaluation of the Effect of Loratadine versus Diosmin/Hesperidin Combination on Vinca Alkaloids-Induced Neuropathy.
- Clinical Study: Evaluating the Safety and Efficacy of Esomeprazole in Treatment of Non-Alcoholic Steatohepatitis — A Randomized Controlled Trial.
- MS Thesis: Physicians' Awareness and Knowledge of Barriers to Medication Adherence in Cardiovascular Patients and Strategies Employed in Clinical Practice in Saudi Arabia.
- MS Thesis: Healthcare Workers' Knowledge, Awareness, and Practices Regarding Antimicrobial Use, Resistance, and Stewardship in Saudi Arabia.
- MS Thesis: Knowledge of Statin Therapy and Monitoring Parameters, and the Challenges to Implementing Guidelines in Clinical Practice Among Physicians and Pharmacists in Saudi Arabia.
- MS Thesis: Prevalence and Determinants of Depression and Anxiety in Breast Cancer Patients in Saudi Arabia — A Focus on Adjuvant Pharmacotherapy.
- MS Thesis: Evaluating the Impact of an Educational Intervention on Jordanian Community Pharmacists' Knowledge, Attitude, and Practices in Asthma Management — A Pre-Post Intervention Study.
- MS Thesis: Physicians' Knowledge, Skills, and Practice Regarding Multiple Sclerosis (MS) in Saudi Arabia.
- MS Thesis: Pharmacists' Knowledge, Attitudes, and Practices Toward Pharmacogenomics and the Barriers to Its Implications in Northern Saudi Arabia.
- MS Thesis: Knowledge, Attitudes, and Practices Regarding Polypharmacy and Medication Use in Geriatrics Among Pharmacists and Physicians in Saudi Arabia — A Cross-Sectional Study.
- MS Thesis: Knowledge, Attitudes, and Practice of Pharmacists Towards Psychotropic Medications in Northern Saudi Arabia — A Cross-Sectional Study.
- MS Thesis: Impact of Pharmacist-Led Tele-Pharmacy Services on Medication Adherence, Beliefs about Medications, and Quality of Life in Patients on Oral Anticoagulants — A Quasi-Experimental Study.

RESEARCH SKILLS

- Spectrophotometer techniques
- HPLC and TLC
- Gas chromatography
- ELISA techniques
- qRT-PCR

CONFERENCES

- 2nd International Conference on Pharmaceutical & Therapeutic Science (PTS2023), Faculty of Pharmacy, Menoufia University, 11–12 May 2023, Menoufia, Egypt.
- 15th Breast, Gynecological & Immuno-Oncology International Cancer Conference — “Creation & Innovation,” 19–20 January 2023, JW Marriott, Cairo, Egypt.
- The Best of ESMO Egypt Conference 2023, 26–27 January 2023, Hilton Heliopolis, Cairo, Egypt.
- Annual Congress of the National Cancer Institute, Cairo University, 2–4 November 2022, Dusit Thani Hotel, New Cairo, Egypt.
- Second International Conference and Exhibition on Pharmaceuticals and Healthcare Sciences (PHS 2022), Faculty of Pharmacy, Alexandria University, 23–24 November 2022, Hilton Green Plaza, Alexandria, Egypt.
- 14th Breast, Gynecological & Immuno-Oncology International Cancer Conference — “Reshaping the Future,” 20–21 January 2023, JW Marriott, Cairo, Egypt.
- 13th Breast, Gynecological & Immuno-Oncology International Cancer Conference — “Changing the Impossible,” 20–21 January 2021, JW Marriott, Cairo, Egypt.
- Pharmaceutical Applications from Agilent Technologies, May 2014, InterContinental City Stars, Cairo, Egypt.
- Second Armed Forces Psychiatric Conference, 8–10 April 2012, Armed Forces Medical Complex, Cairo, Egypt.

- International Conference on Pharmaceutical Technologies, 6–9 February 2012, Future University, Cairo, Egypt.

WORKSHOPS

- Nutrition Therapy and Clinical Nutrition Workshop, 2nd International Conference PTS2023, Faculty of Pharmacy, Menoufia University, 10 May 2023, Menoufia, Egypt.
- Biobanking and Clinical Pharmacogenomics Workshop, 2nd International Conference PTS2023, Faculty of Pharmacy, Menoufia University, 8 May 2023, Menoufia, Egypt.
- Biobanking as a Platform for Medical Research, Professional Master of Immunology and Regenerative Medicine (in collaboration with IARC), Faculty of Pharmacy, Mansoura University, 30 April 2023.
- Clinical Pharmacy, Drug Discovery, Nutrition, and Biosimilar Workshop, 15th Breast, Gynecological & Immuno-Oncology International Cancer Conference, 19–20 January 2023, JW Marriott, Cairo.
- Clinical Pharmacy, Nutrition, Biosimilar and Drug Discovery Workshop, 14th Breast, Gynecological & Immuno-Oncology International Cancer Conference, 20–21 January 2022, JW Marriott, Cairo.
- Pharmacogenetics from Research to Clinical Application Workshop (25 credit hours), 11 September–12 December 2021, Egyptian Society of Pharmacogenomics and Personalized Medicine (ESPM), Cairo.

TRAINING COURSES

- Decision Making and Problem Solving — June 2023, University of Sadat City, Menoufia, Egypt.
- Preparing Projects and Competitive Research — May 2023, University of Sadat City, Menoufia, Egypt.
- Scientific Plagiarism — February 2023, University of Sadat City, Menoufia, Egypt.
- International Publishing — January 2023, University of Sadat City, Menoufia, Egypt.
- Modern Trends in Teaching — April 2021, University of Sadat City, Menoufia, Egypt.
- Teaching Excellence in Pharmacy Education — March–November 2021, EKB.
- Quality Standards for the Examination Paper — January 2020, Ministry of Higher Education, Cairo, Egypt.
- Effective Teaching Skills — January 2019, University of Sadat City, Menoufia, Egypt.
- Organizing Scientific Conferences — January 2019, University of Sadat City, Menoufia, Egypt.
- Quality Standards in Education — December 2018, University of Sadat City, Menoufia, Egypt.
- University Administration — December 2018, University of Sadat City, Menoufia, Egypt.
- Research Reference Management Systems — December 2018, University of Sadat City, Menoufia, Egypt.
- Managing People in Educational Institutions — December 2018, University of Sadat City, Menoufia, Egypt.
- Pharmaceutical Training Program of Stability — September 2011, Pharmex Groups, Cairo.
- Dissolution and Biowaiver Studies — July–August 2011, Cairo, Egypt.
- Analytical Method Development and Validation Course — October 2010, Pharmex Groups, Cairo.
- GMP Course — October 2010, Pharmex Groups, Cairo.
- Sanitation & Hygiene — June 2010, Pharmex Groups, Cairo.
- SOP, Documentation, and Performance Course — June 2009, Pharmex Groups, Cairo.
- Pharmaceutical Industry Course — July 2006, Sigma Pharmaceutical.

COMPUTER SKILLS

- Experienced user of GraphPad Prism
- Experienced user of SPSS
- Experienced user of EndNote
- Experienced user of Microsoft Office

LANGUAGE SKILLS

- Native Arabic speaker
- Very good command of English (speaking, writing, and reading)

PROFESSIONAL MEMBERSHIPS & OTHER ACTIVITIES

- Member, Egyptian Society of Pharmacogenomics and Personalized Medicine.
- Member, Egyptian Pharmacists Syndicate.
- Member, Egyptian Scientific Society of Faculties of Pharmacy.
- Member, Committee of Chemicals and Equipment, Faculty of Pharmacy, University of Sadat City.
- Member, Committee of Students' Affairs.
- Member, Research Ethics Committee.

REFERENCES

Available upon request.