



# MAHMOUD S. ABDALLAH, PhD

Associate Professor of Clinical Pharmacy

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**Marital Status:** Married

## Background:

- ⌘ I am a qualified clinical pharmacist with broad experience in community healthcare settings. I finished my PhD 5 years ago.
- ⌘ I consider myself an innovative, hard-working, people oriented and team player with high leadership capabilities.
- ⌘ With the belief that success comes from the inside out, I am eager to learn more and actively looking forward to "put research into action" where it goes beyond the lab to help making people lives easier, happier, and more active.
- ⌘ My Clinical Experience includes fields of gastroenterology; psychiatry; infectious diseases; rheumatoid arthritis, and diabetes. My interests include pharmacology, pharmacotherapy, drug interactions, pharmacy practice, patient monitoring and patient counseling.
- ⌘ In addition, I have teaching experience for 5 years through working as lecturer of clinical pharmacy in the University of Sadat City in Egypt, as well as participating in teaching different courses in Menoufia University.

## Education

December 2018	<p><b>PhD in Clinical Pharmacy, Faculty of Pharmacy, Tanta University, Tanta, Egypt.</b></p> <p><b>PhD Thesis:</b> Role of Pentoxifylline as an Adjuvant Therapy in Treatment of Adult Patients with Major Depressive Disorder.</p>
June 2014	<p><b>MSc. in Pharmaceutical Sciences and Clinical Pharmacy, Faculty of Pharmacy, Tanta University, Tanta, Egypt.</b></p> <p><b>Master Thesis:</b> Role of pentoxifylline and sparfloxacin in prophylaxis of spontaneous bacterial peritonitis in cirrhotic patients</p>
May 2007	<p><b>B.Sc. in Pharmaceutical Sciences 2007, excellent-honor degree (11th out of about 1200 students) with 87.17%</b></p> <p><b>Faculty of Pharmacy, Tanta University, Egypt.</b></p>

## Professional Experience

3/2024-till now	<p><b>Associate professor at PharmD Department, Faculty of Pharmacy, Jadara University</b></p> <p>Teaching Clinical Pharmacy and Therapeutics, OTC course, selected topics in Pharmacy, and Pharmacology courses for Pharmacy students' program and Advanced Biostatistics for Master Students</p>
2/2024-3/2024-02/2019-12/2023	<p><b>Associate professor at Clinical Pharmacy Department, Faculty of Pharmacy, University of Sadat City and Department supervisor.</b></p> <p><b>Assistant professor at Clinical Pharmacy Department, Faculty of Pharmacy, University of Sadat City and Department supervisor.</b></p> <p>Teaching pharmacotherapy courses for Clinical Pharmacy diploma students</p> <p>Supervising pharmacotherapy courses practical course</p> <p>Teaching advanced drug information course for Clinical Pharmacy diploma students</p> <p>Supervising advanced drug information practical course</p> <p>Teaching clinical pharmacokinetics course for Clinical Pharmacy diploma students</p> <p>Supervising clinical pharmacokinetics practical course</p> <p>Teaching drug interactions course for Clinical Pharmacy diploma students</p> <p>Supervising drug interactions course practical course</p> <p>Teaching healthcare course for Clinical Pharmacy diploma students</p> <p>Teaching Hospital Pharmacy and pharmacy practice theoretical course for level 3 students</p> <p>Supervising Hospital Pharmacy and pharmacy practice Practical Labs courses</p> <p>Teaching Community pharmacy theoretical course for level 4 students</p> <p>Supervising Community pharmacy Practical labs course</p> <p>Teaching drug information course for Clinical Pharmacy diploma students</p> <p>Supervising drug information practical course</p> <p>Teaching pharmacotherapy and clinical pharmacy (Cardiology, endocrine, Oncology, Hepatology, Gastroenterology, Infectious diseases, Virology, dermatology, and CNS</p>

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courses) theoretical courses for level 5 students

Supervising clinical pharmacy practical course.

Participated in setting the faculty bylaws for both undergraduate and postgraduate students as coordinator of the department.

Designing and revising course specifications ILOS as a quality team coordinator of the department

Supervising students' assignments and graduation projects

Teaching pharmacotherapy and clinical pharmacy (Cardiology, endocrine, Oncology, Hepatology, Gastroenterology, Infectious diseases, Virology, dermatology, and CNS courses) theoretical courses for at faculty of pharmacy, Menoufia university.

Supervising clinical pharmacy practical course

Teaching clinical pharmacokinetics course and supervising practical course at faculty of pharmacy, Menoufia university.

Teaching drug interactions course supervising practical course at faculty of pharmacy, Menoufia university.

### **Additional professional activities**

Establishing the clinical pharmacy department starting from selecting, building a team, creating a system till the training of each teaching assistant inside the department

Responsible for the planning, directing, organizing, and controlling pharmacists to accomplish specific objectives.

Responsible for monitoring the performance of the department team.

Teaching students how to review patient's medical files, labs, and reports to optimize drug therapy.

Teaching students how to check each medication prescribed have corresponding indication or not to discuss if:

1-Medications need to be added

2-Medications need to be omitted

Teaching students how to check the dose taking into consideration differences in each age group, hepatic & renal functions, and severity of the disease to check if there is sub therapeutic dose or overdose to be discussed with physicians.

Follow drug monitoring parameters to confirm achievements of therapeutic goals, with minimal adverse effects or interactions occurrence.

Teaching students how to check for presence of any drug –drug, drug –food, drug – disease & drug – lab interactions and documenting the interaction-risk category.

Teaching students how to follow up Nurse Drug administration to be prepared correctly, taken in right dose, right time, right route, and right frequency to the right patient.

Teaching students how to proactively educate and advise nurses and other ward-based staff on the proper and safe use of medicines prescribed, including designing nurse educational brochures and leaflets.

Teaching students how to report medication errors during prescribing, transcribing, dispensing, monitoring, and administration.

Educating patients on their medications and continuous conversation to discuss any drug

	<p>problems and noncompliance.</p> <p>Teaching students how to counsel patients and raising their awareness, including preparing educational brochures and information leaflets.</p> <p>Teaching students how to reply to physicians and nurse's pharmaceutical, drug interactions, clinical queries and providing them with the latest information.</p> <p>Teaching students how to take decisions in patients drug selection and monitoring.</p>
12/ 2016- 02/ 2019	<p><b>Assistant lecturer at Clinical Pharmacy Department, Faculty of Pharmacy, University of Sadat City</b></p> <p>Teaching practical clinical courses for clinical pharmacy /Pharm D students, including hospital pharmacy, biopharmaceutics and pharmacokinetics, clinical pharmacokinetics, Drug interactions and patient counseling.</p> <p>Supervising case presentations and Journal clubs assigned for the students.</p>
10/ 2014- 12/ 2016	<p><b>Assistant lecturer at Clinical Pharmacy Department, Faculty of Pharmacy, Badr University in Cairo</b></p> <p>Teaching practical clinical courses for clinical pharmacy /Pharm D students, including hospital pharmacy, clinical pharmacokinetics, Drug interactions and patient counseling.</p> <p>Supervising case presentations and Journal clubs assigned for the fellows.</p>
9/ 2009- 10/ 2014	<p><b>Methodology Senior Analyst in R &amp; D Department at Sigma Pharmaceutical Company</b></p> <p>Development and validation of new analytical methods for new products &amp; ensuring that all products are complying with international standards &amp; pharmacopoeia without any variations.</p> <p>Improvements of running analytical methods.</p> <p>Supporting Registration department.</p> <p>Supporting Formulation activity of new products.</p> <p>Analysis of R&amp;D trials "for new products and current products under development"</p> <p>Periodic analysis tests to ensure the validity of products methods for current products or new products.</p>
8/ 2008- 9/ 2009	<p><b>Hospital Pharmacist at the health unit in Mit Barra</b></p> <p>Revising and dispensing prescription medicines for inpatients and outpatients.</p> <p>Counseling outpatients at pre-paid department and preparation of drug information leaflets</p> <p>Medical supplies orders</p> <p>Preparing monthly consumption report</p> <p>Managing stock appropriately and participating in monthly inventory</p>
7/ 2007- 9/ 2014	<p><b>Community Pharmacy Dispenser (Afternoon Shift)</b></p> <p>Dispensing and revising prescription medicines to the public</p> <p>Selling over-the-counter medicines</p> <p>Responding to symptoms, counseling, and advising the public on the</p>

treatment of minor ailment

Managing drug orders to the nearby hospital

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### Scientific links

**GOOGLE SCHOLAR:** <https://scholar.google.com.eg/citations?user=VaMwnkQAAAAJ&hl=en>

**RESEARCH GATE:** [https://www.researchgate.net/profile/Mahmoud\\_Abdallah5](https://www.researchgate.net/profile/Mahmoud_Abdallah5)

**LINKEDIN:** <https://www.linkedin.com/feed/?trk>

**ORCID:** <https://orcid.org/0000-0002-3237-1792>

**SCOPUS:** <https://www.scopus.com/authid/detail.uri?authorId=57191621375>

**Web of Science ResearcherID: G-7905-2017:**

<https://www.webofscience.com/wos/author/record/G-7905-2017>

### Publications:

1. 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, Asegiani 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 Des Devel Ther.* 2024 Nov 16;18:5239-5253. doi: 10.2147/DDDT.S490772. PMID: 39575188; PMCID: PMC11578921.
2. Binsaleh, Ammena Y., Mahmoud S. Abdallah, Basma Mohamed Osman, Mostafa M. Bahaa, Nawal Alsubaie, Thanaa A. Elmasry, Mohamed Yasser, Mamdouh Eldesoqui, Abdel-Naser Abdel-Atty Gadallah, Manal A. Hamouda, and et al. 2024. "Antimicrobial Stewardship Intervention for the Family Caregiver Attending Primary Health Care Setting: A Quasi-Experimental Study" *Antibiotics* 13, no. 12: 1145. <https://doi.org/10.3390/antibiotics13121145>
3. 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) . Epub 2024 Oct 16. PMID: 39406981; PMCID: PMC11550250.
4. 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. *Int J Biol Macromol.* 2024 Aug;275(Pt 2):133742. doi: 10.1016/j.ijbiomac.2024.133742.
5. 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. *Front Pharmacol.* 2024 Jul 31;15:1434512. doi: 10.3389/fphar.2024.1434512.
6. 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. *Int J Mol Sci.* 2024 Jul 16;25(14):7790. doi: 10.3390/ijms25147790.
7. 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 (Basel).* 2024

- May 9;17(5):609. doi: 10.3390/ph17050609IF: 4.3 Q1 .
8. 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. *Front Pharmacol.* 2024 May 24;15:1381523. doi: 10.3389/fphar.2024.1381523IF: 4.4 Q1 .
  9. Wahsh, E.A., Warda, A.E.A., **Abdallah, M.S.** et al. Assessment of potential drug–drug interaction knowledge, attitude, and practice among Egyptian hospital and community pharmacists: a cross-sectional multicenter study. *Futur J Pharm Sci* 10, 9 (2024). <https://doi.org/10.1186/s43094-024-00580-x> (IF: 2.6).
  10. Abdelsattar, Shima, Sally A. Fahim, Hala F. M. Kamel, Hiba Al-Amodi, Zeinab A. Kasemy, Fatma O. Khalil, **Mahmoud S. Abdallah**, Hanan M. Bedair, Abdel-Naser Abdel-Atty Gadallah, Aliaa Sabry, and et al. 2023. "The Potential Role of Circulating Long Miscellaneous RNAs in the Diagnosis and Prognosis of Hepatitis C Related Hepatocellular Carcinoma" *Non-Coding RNA* 9, no. 5: 62. <https://doi.org/10.3390/ncrna9050062> (IF: 4.3)
  11. Abo Mansour, Hend E., Aya Ibrahim Elberri, Mai El-Sayed Ghoneim, Waad A. Samman, Aisha A. Alhaddad, **Mahmoud S. Abdallah**, Eman I. El-Berri, Mohamed A. Salem, and Esraa M. Mosalam. 2023. "The Potential Neuroprotective Effect of Thymoquinone on Scopolamine-Induced In Vivo Alzheimer's Disease-like Condition: Mechanistic Insights" *Molecules* 28, no. 18: 6566. <https://doi.org/10.3390/molecules28186566> (IF: 4.6 Q2)
  12. Noha O, Mansour, Mohamed Hassan Elnaem, Doaa H Abdelaziz, Muna Barakat, Inderpal Singh Dehele, Mahmoud E Elrggal and **Mahmoud S Abdallah**. Effects of Early Adjunctive Pharmacotherapy on Serum Levels of Brain Injury Biomarkers in Patients with Brain Injury: A Systematic Review of Randomized Controlled Studies. *Front. Pharmacol.* 14 - 2023 | doi: 10.3389/fphar.2023.1185277. (IF: 5.6 Q1)
  13. Eman El-Khateeb, Eman I. El-Berri1, Esraa M. Mosalam, Mohamed Z. Nooh, Shima Abdelsattar, Amira M. Alghamdi, Sarah Alrubia and **Mahmoud S. Abdallah**. (2023), 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. *Front. Pharmacol.* 14:1153653. doi: 10.3389/fphar.2023.1153653. (IF: 5.6 Q1)
  14. Abdelsattar, Shima, Dina Sweed, Hala F. M. Kamel, Zeinab A. Kasemy, Abdallah M. Gameel, Hassan Elzohry, Omnia Ameen, Eman Ibrahim Elgizawy, Ahmed Sallam, Asmaa Mosbeh, **Mahmoud S. Abdallah**, Fatma O. Khalil, Hiba S. Al-Amodi, and Sally M. El-Hefnway. 2023. "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* 13, no. 1: 3. <https://doi.org/10.3390/biom13010003>. (IF: 5.5 Q1)
  15. Esraa M. Mosalam, Aya Ibrahim Elberri, Amany Said Sallam, Heba Rady Salem, Ebtehal M. Metwally, **Mahmoud S. Abdallah**, Moataz A. Shaldam & Hend E. Abo Mansour .Chronotherapeutic neuroprotective effect of verapamil against lipopolysaccharide-induced neuroinflammation in mice through modulation of

calcium-dependent genes. Mol Med 28, 139 (2022).  
<https://doi.org/10.1186/s10020-022-00564-8> (IF: 5.7 Q1)

16. Dina Sweed, Enas Sweed, Inas Moaz, Asmaa Mosbeh, Yahya Fayed, Sara Mohamed Abd Elhamed, Eman Sweed, Mahmoud Macshut, Shimaa Abdelsattar, Shimaa Kilany, Sara A. Saied, Reda Badr, **Mahmoud S. Abdallah** & Nermine Ehsan. The clinicopathological and prognostic factors of hepatocellular carcinoma: a 10-year tertiary center experience in Egypt. World J Surg Onc 20, 298 (2022).  
<https://doi.org/10.1186/s12957-022-02764-2>. (Q2, IF= 3.2).
17. Dina Gad, Hend E. Abo Mansour, Khalil M. Saad-Allah, **Mahmoud S. Abdallah**, Aya Ibrahim Elberri, Esraa M. Mosalam, 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).
18. **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. Eur J Pharmacol. 2021 Sep 5;906:174295. (Q2, IF= 5.195).
19. Hozaifa Khalil Elsayah, Mohamed Ahmed Elsokary, **Mahmoud Samy Abdallah**, Ahmed Hanei ElShafie. 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).
20. Dalia S Saif, Mohamed A El Tabl, Naglaa Afifi, **Mahmoud S Abdallah**, Sally M El Hefnawy, Shimaa A Hassanein. 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).
21. SM El-Haggar, MAR Eissa, TM Mostafa, KS El-Attar, **MS Abdallah**. 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. Psychother Psychosom 2018;87:331–339. (Q1, IF= 13.7)
22. Ahmed Agiba, **Mahmoud Samy Abdallah**, Moataz Shaldam, Mohamed Abdallah. Development and optimization of anti-Dandruff shampoo by modifying its rheological behavior J. Appl. Cosmetol, 2016; 33, 127-136
23. Tarek Mostafa, Gamal Badra, and **Mahmoud Abdallah**. The efficacy and the immunomodulatory effect of rifaximin in prophylaxis of spontaneous bacterial peritonitis in cirrhotic Egyptian patients. Turk J Gastroenterol. 2015; 26: 6-14.DOI: 10.5152/tjg.2014.7782.
24. Khaled Abdelkawy Ahmed M Donia, **Mahmoud S. Abdallah**, Pharmacokinetics 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 Vol 5 (12), 001-007. DOI: 10.7324/JAPS.2015.501201.
25. Ahmed B.Eldin., Moutaz A.Shaldum ., **Mahmoud S. Abdallah**., Abdallah, M.A. Applying green analytical chemistry (GAC) for development of stability indicating



HPLC method for determining clonazepam and its related substances in pharmaceutical formulations and calculating uncertainty. Arabian J Chem 2014. <http://dx.doi.org/10.1016/j.arabjc.2014.10.051>.

26. Tarek Mohammed Mostafa, Osama Mohamed Ibrahim, Gamal Abd El-Khalek Badra, and **Mahmoud Samy Abdallah**, "Role of Pentoxifylline and Sparfloxacin in Prophylaxis of Spontaneous Bacterial Peritonitis in Cirrhotic Patients," ISRN Gastroenterology, vol. 2014, Article ID 595213, 9 pages, 2014. doi:10.1155/2014/595213.

### Projects:

**Member** of a two-years running project entitled "Potential Protective Effect of Verapamil-Loaded Quantum Dots against Lipopolysaccharides-Induced Learning and Memory Impairment; *In-vitro* and *In-vivo* Alzheimer Like Models, # 45960" funded by **The Science, Technology & Innovation Funding Authority (STDF)** by **2,500,000 EGP**.

### Reviewing:

**More than 85 verified reviews at web of science:**

<https://www.webofscience.com/wos/author/record/G-7905-2017>

### Supervision:

- ⌘ Ph Thesis: Evaluation of The Effect of Loratadine Versus Diosmin/Hesperidin Combination on Vinca Alkaloids Induced Neuropathy (Ongoing).

### Research Skills:

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

### Conferences:

- ⌘ 2<sup>nd</sup> International Conference Pharmaceutical & Therapeutic Science PTS2023 Faculty of Pharmacy Menoufia University, 11-12 May 2023, Menoufia
- ⌘ 15<sup>th</sup> breast- Gynecological & Immuno-oncology International Cancer Conference, Creation & innovation, 19-20 January 2023, JW MARRIOTT, Cairo
- ⌘ The Best of ESMO Egypt Conference 2023, 26-27 January 2023, Hilton Heliopolis, Cairo
- ⌘ Annual congress of National cancer institute, Cairo University 2-4 November 2022, Dusit Thani Hotel in the Fifth Settlement in 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
- ⌘ 14<sup>th</sup> breast- Gynecological & Immuno-oncology International Cancer Conference, reshaping the future, 20-21 January 2023, JW MARRIOTT, Cairo
- ⌘ 13<sup>th</sup> breast- Gynecological & Immuno-oncology International Cancer Conference, changing the impossible, 20-21-January 2021, JW MARRIOTT, Cairo
- ⌘ Pharmaceutical application from Agilent technologies, May 2014, Intercontinental city



stars, Cairo, Egypt

- ⌘ Second Armed forces Psychiatric conference, April 8-10, 2012, Armed Forces Medical Complex, Cairo, Egypt.
- ⌘ International conference on pharmaceutical technologies, Feb 6-9, 2012, Future University, Cairo.

### Workshops:

- ⌘ Nutrition therapy and Clinical Nutrition Workshop, 2<sup>th</sup> International Conference Pharmaceutical & Therapeutic Science PTS2023 Faculty of Pharmacy Menoufia University, 10 May 2023, Menoufia
- ⌘ Biobanking and Clinical Pharmacogenomics Workshop, 2<sup>th</sup> International Conference Pharmaceutical & Therapeutic Science PTS2023 Faculty of Pharmacy Menoufia University, 8 May 2023, Menoufia
- ⌘ Biobanking as a platform for medical research, professional master of immunology and regenerative medicine in collaboration with the international agency for research in cancer Faculty of Pharmacy Mansoura University, 30 April 2023
- ⌘ Clinical pharmacy, drug discovery, nutrition, and biosimilar workshop, 15<sup>th</sup> breast-Gynecological & Immuno-oncology International Cancer Conference, 19-20 January 2023, JW MARRIOTT, Cairo
- ⌘ Clinical pharmacy, nutrition, biosimilar and drug discovery workshop, 14<sup>th</sup> breast-Gynecological & Immuno-oncology International Cancer Conference, 20-21/1/ 2022, JW MARRIOTT, Cairo
- ⌘ Pharmacogenetics from research to clinical application workshop (25 credit hours), 11/9/2021-12/12/2021, the 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 2021 – 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 the educational, 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 institution, December 2018, University of Sadat City, Menoufia, Egypt.
- ⌘ Pharmaceutical training program of stability, Sep 2011, Pharmex Groups, Cairo
- ⌘ Dissolution and biowaiver studies, Jul 2011 to Aug 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, 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 in English Speaking, writing, and reading.

#### **Other activities:**

- ⌘ Member in the Egyptian society of pharmacogenomics and personalized medicine.
- ⌘ Member in the Egyptian Pharmacists Syndicate.
- ⌘ Member in the Egyptian Scientific Society of Faculties of Pharmacy.
- ⌘ Member in the committees of chemicals and equipment's for Faculty of Pharmacy, University of Sadat City.
- ⌘ Member of the committee of Students' Affairs.
- ⌘ Member of the Research Ethics Committee.

**References:** Will be available upon request.