

Pharmaceutical Chemistry Department
Faculty of pharmacy, Cairo University
Egypt



Curriculum Vitae



Name: Eman Adel Mostafa Saleh

Title: Lecturer

Department: Pharmaceutical Chemistry

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Education

Academic Degrees

- **PhD in Pharmaceutical Sciences**

Title of Thesis: Determination of Some CNS Depressant Drugs, 2018, Cairo University.

- **Master in Pharmaceutical Sciences**

Title of Thesis: Analysis of some drugs used for Genito-urinary disorders, 2014, Cairo University.

- **Bachelor of Pharmacy and Pharmaceutical Sciences**, 2009, Cairo University.

Publications

- 1- "In Vivo Evaluation of The Pharmacokinetic Interaction Between Levothyroxine and Amiodarone in Rat Plasma: Evaluation of Importance of Therapeutic Drug Monitoring During Co-Therapy" Norhan S. AlSawy, Ehab F. ElKady, **Eman A. Mostafa**, *Journal of Chromatographic Science*, 1-8, 2023. <https://doi.org/10.1093/chromsci/bmad034>

- 2- “Application of Box-Behnken Design for Optimization of A RP-HPLC Method for Determination of Palonosetron and Netupitant in Their Combined Dosage Form in Presence of Their Impurities” Mohamed A. ElHamid, Ehab F. ElKady and **Eman A. Mostafa**, *Journal of Liquid Chromatography & Related Technologies*, **2023**. <https://doi.org/10.1080/10826076.2023.2196326>
- 3- “A Novel Eco-Friendly Methods for Simultaneous Determination of Aspirin, Clopidogrel and Atorvastatin or Rosuvastatin in Their FDC Using Chemometric Techniques and Artificial Neural Networks” Norhan S. AlSawy, Ehab F. ElKady, **Eman A. Mostafa**, *Journal of Chemometrics*, **2023** <https://doi.org/10.1002/cem.3474>
- 4- “Development of a multivariate model with desirability-based optimization for simultaneous determination of five co-administrated drugs for the management of COVID-19 infection in their dosage forms via validated RP-HPLC method” Sonia T. Hassib, Marwa A. Moffid, Noha A. Aly & **Eman A. Mostafa**, *Journal of Liquid Chromatography & Related Technologies*, **2023** <https://doi.org/10.1080/10826076.2023.2168691>
- 5- “Assessment of Environmental Impact of a Novel Stability-Indicating RP-HPLC Method and Reported Methods for The Determination of Selexipag in Bulk and Dosage Form: A Comparative Study Using Different Greenness Assessment Tools” Yasmin M. Youssef, Marianne A. Mahrouse and **Eman A. Mostafa**, *Microchemical Journal*, vol. 185, **2023** <https://doi.org/10.1016/j.microc.2022.108256>
- 6- “A Turn-On–Type Fluorescence Resonance Energy Transfer Eco-Friendly Method for Nitazoxanide Quantification in Pharmaceutical Dosage Form and Spiked Plasma: Evaluation of Greenness Profile Using Different Assessment Tools” **Eman A. Mostafa**, Ehab F. Elkady, Mai A. El-Didamoony and Hany A. Batakoushy, *Journal of Fluorescence*, **2022**. <https://doi.org/10.1007/s10895-022-03072-4>
- 7- “Core shell stationary phase for a novel separation of some COVID-19 used drugs by UPLC-MS/MS Method: Study of grapefruit consumption impact on their pharmacokinetics in rats” Sally Tarek Mahmoud, Marwa A. Moffid, Rawda M. Sayed and **Eman A. Mostafa**, *Microchemical Journal*, vol. 181, **2022**. <https://doi.org/10.1016/j.microc.2022.107769>
- 8- “Validated LC/MS/MS Method for the Determination of Rivastigmine in Human Plasma: Application to a Pharmacokinetic Study in Egyptian Volunteers to Determine the Effect of Gender and Body Mass Index” Ehab F. ElKady and **Eman A. Mostafa**, *Journal of Chromatographic Science*, 1–8, **2022**. <https://doi.org/10.1093/chromsci/bmac046>
- 9- “RP-HPLC-DAD Method Development and Validation for Simultaneous Determination of Lansoprazole, Tinidazole, Amoxicillin and Naproxen in Their Raw Materials and Combined Dosage Form: DOE Approach for Optimization of the Proposed Method” Sonia T. Hassib, Elham A. Taha, Marwa G. Sharf and **Eman A. Mostafa**, *journal of AOAC*

- 10- "Development and Bio-Analytical Validation of Chromatographic Determination Method of Rufinamide in Presence of its Metabolite in Human Plasma" Hassib, S. T., H. M. A. Hashem, M. A. Mahrouse, and **Eman A. Mostafa**, *Journal of Chromatographic Science*, 2021, Vol. 59, No. 5, 458–464 <https://doi.org/10.1093/chromsci/bmaa142>
- 11- "Determination of Rufinamide in the Presence of 1-[(2,6-Difluorophenyl)Methyl]-1H-1,2,3-Triazole-4 Carboxylic Acid Using RP-HPLC and Derivative Ratio Methods as Stability Indicating Assays to Be Applied on Dosage Form" Hassib, S. T., H. M. A. Hashem, M. A. Mahrouse, and **Eman A. Mostafa**, *journal of AOAC INTERNATIONAL*, vol. 103, issue 5, pp. 1215-1220, 2020, <https://doi.org/10.1093/jaoacint/qsaa020>
- 12- "Determination of four antiepileptic drugs in plasma using ultra-performance liquid chromatography with mass detection technique" Hassib, S. T., H. M. A. Hashem, M. A. Mahrouse, and **Eman A. Mostafa**, *Biomedical Chromatography*, vol. 32, issue 8, pp. 1-9, 2018, <https://doi.org/10.1002/bmc.4253>
- 13- "A Validated Reversed-Phase High-Performance Liquid Chromatography Method For Simultaneous Determination Of Five Antiepileptic Drugs Used In The Treatment Of Lennox–Gastaut Syndrome In Their Pharmaceutical Dosage Forms" Hassib, S. T., H. M. A. Hashem, M. A. Mahrouse, and **Eman A. Mostafa**, *Asian Journal of Pharmaceutical and Clinical Research*, vol. 11, issue 5, pp. 167-173, 2018, <https://doi.org/10.22159/ajpcr.2018.v11i5.24143>
- 14- "Validated Derivative Spectrophotometric and Chromatographic Methods for the Determination of Doxazosin Mesylate in Presence of its Degradation Product and/or Related Impurity" Hassib, S. T., A. E. Farag, M. A. Mahrouse, and **Eman A. Mostafa**, *International Journal of Pharmaceutical Analysis*, vol. 38, issue 2, pp. 1146-1155, 2013.
- 15- "Spectrophotometric Determination of Oxybutynin Hydrochloride via Charge - Transfer Complexation Reaction" Hassib, S. T., A. E. Farag, M. A. Mahrouse, and **Eman A. Mostafa**, *International Journal of Pharmaceutical and Chemical Sciences*, vol. 2, issue 4, pp. 2024-2033, 2013.

Teaching Experience

Undergraduate Courses

(Pharm D program)

(PC610) Medicinal Chemistry I

Undergraduate Courses (General Program)	(801) Pharmaceutical Chemistry I (802) Pharmaceutical Chemistry II (803) Pharmaceutical Chemistry III
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Undergraduate Courses (Clinical Program)	(PC509) Medicinal Chemistry I (PC610) Medicinal Chemistry II
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Postgraduate Courses	-Drug Discovery Diploma -(2805) Spectroscopic and Chromatographic Studies in Pharmaceutical Chemistry (II)
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Career History and Professional Experience

Career History

- Lecturer of pharmaceutical chemistry, Faculty of Pharmacy, Cairo University (2018-present).
- Lecturer assistant of pharmaceutical chemistry, Faculty of Pharmacy, Cairo University (2014-2018).
- Demonstrator of pharmaceutical chemistry, Faculty of Pharmacy, Cairo University (2010-2014).

Other Titles

- Member of the Technical Office for preparing study schedules and examination schedules, Faculty of Pharmacy, Cairo University (2019-present).
- Member of the Academic Guidance Committee for the PharmD Program (2019-present).
- Secretary of the Department Council (2020-2021).
- Senior coordinator of quality files of academic courses in the department (2018-2021).
- Organizer and Participial in Computer Aided Drug Design workshop, 2017, BTC, Faculty of Pharmacy, Cairo University.
- Organizer in the 5th Scientific Conference of Faculty of Pharmacy, Cairo University.
- Organizer in the 4th Scientific Conference of Faculty of Pharmacy, Cairo University.
- Organizer in the 3rd Scientific Conference of Faculty of Pharmacy, Cairo University.

Peer Reviewer

Reviewer for some International Journals such as:

- Analytical Methods.
- International Journal of AOAC.
- Indian Journal of Pharmaceutical Sciences.
- Journal of Taibah University for Science.

Courses & Workshops

- Sustainable development in university education, 2023, FLDC, Cairo university.
- Innovation in drug delivery and medicinal chemistry: Reaxys results, 2022, Faculty of Pharmacy, Menoufia University.
- Mobile applications; one of the digital transformation courses, 2022, Cairo university.
- A specialized course in Quality work, 2022, PAQUPHARM, Cairo university.
- Skills of Critical Thinking, 2021, FLDC, Cairo university.
- Academic advising system and college credit hours, 2021, PAQUPHARM, Cairo university.
- The basics of blended learning, 2021, FLDC, Cairo university.
- 1st Conference of Pharmaceutical Sciences (BUCPS), Badr University in Cairo, held online on 6th November 2021.
- Concomitant Application of Quality by Design and Artificial Intelligence in Drug Delivery workshop held in the midst of the (Pharmacists in Frontlines, New Challenges and Innovations Solution) conference hosted by MSA University, 2020.
- Introduction to Structure-Based Drug Design (Schrödinger) workshop held in the midst of the (Pharmacists in Frontlines, New Challenges and Innovations Solution) conference hosted by MSA University, 2020.
- (Pharmacists in Frontlines: New Challenges and Innovative Solutions) conference, 2020, Faculty of Pharmacy, MSA university
- Quality of career, 2020, FLDC, Cairo university.
- The art of effective leadership, 2020, FLDC, Cairo university.
- H index, Impact Factor and Citation, 2020, PAQUPHARM, Cairo university.
- Computers in Chemistry, 2017, PAQUPHARM, Cairo university.
- Exams & Students Evaluation Systems, 2017, FLDC, Cairo university.
- Statistical Analysis of Bio-Experiments, 2017, FLDC, Cairo university.

- Endnote Citation Manager Software, 2017, PAQUPHARM, Cairo university.
- Bioanalysis and Validation of Bioanalytical Methods, 2017, PAQUPHARM, Cairo university.
- Course Specification and Blue Print Writing, 2017, PAQUPHARM, Cairo university.
- Total Quality Management in Healthcare, 2016, FLDC, Cairo university.
- International Publishing of Scientific Research, 2016, FLDC, Cairo university.
- Legal and Financial Aspects in University Environment, 2015, FLDC, Cairo university.
- University Code of Ethics, 2014, FLDC, Cairo university.
- Ethics of scientific research, 2013, FLDC, Cairo university.
- Credit hour systems, 2013, FLDC, Cairo university.
- Effective presentation skills, 2012, FLDC, Cairo university.
- Recent trends in teaching, 2012, FLDC, Cairo university.
- Communication skills in different styles of education, 2012, FLDC, Cairo university.
- Use of technology in teaching, 2011, FLDC, Cairo university.