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Contact information

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Personal Information

- Date of birth: 13th August, 1993
- Marital Status: Married

Education

- **PhD of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, May 2023.
- **TOT**, Supreme Council of Universities, June 2022.
- **Master of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, March 2021.
- **Bachelor of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, May 2016. Grade: Excellent with Honours – **2th of Class**.

I'm currently a **MBA** student at Faculty of commerce, Cairo University.

Professional Experience

May 2023 – till now	Assistant Professor of Pharmaceutics and Industrial Pharmacy , Faculty of Pharmacy, Cairo University, Cairo, Egypt
March 2021 – May 2023	Assistant Lecturer of Pharmaceutics and Industrial Pharmacy , Faculty of Pharmacy, Cairo University, Cairo, Egypt
March 2018- April 2021	Teaching Assistant of Pharmaceutics , Faculty of Pharmacy, Cairo University, Cairo, Egypt

Language and Computer Skills

1. Arabic (Fluent)
2. English (Fluent- B2)
3. Microsoft office: Excellent (ICDL and FDTC)

Research interest

1. Nano delivery systems
2. Statistical optimization
3. Drug targeting
4. *In vitro* characterization
5. *Ex vivo* and *in vivo* assessments

Software experiences

- Statistical analysis using SPSS
- Statistical design using Design Expert software
- CLSM images
- Management of references and citations using Endnote

List of publications

1. **Ahmed S**, Amin MM, Sayed S. Ocular Drug Delivery: a Comprehensive Review. *AAPS PharmSciTech*. 2023;24(2):66. doi: 10.1208/s12249-023-02516-9.
2. **Ahmed S**, Amin MM, Sayed S. A comprehensive review on recent nanosystems for enhancing antifungal activity of fenticonazole nitrate from different routes of administration. *Drug delivery*. 2023;30(1):2179129. doi: 10.1080/10717544.2023.2179129.
3. **Ahmed S**, Amin MM, El-Korany SM, Sayed S. Pronounced capping effect of olaminosomes as nanostructured platforms in ocular candidiasis management. *Drug delivery*. 2022;29(1):2945-58. doi: 10.1080/10717544.2022.2120926.
4. **Ahmed S**, Amin MM, El-Korany SM, Sayed S. Corneal targeted fenticonazole nitrate-loaded novasomes for the management of ocular candidiasis: Preparation, *in vitro* characterization, *ex vivo* and *in vivo* assessments. *Drug delivery*. 2022;29(1):2428-41. doi: 10.1080/10717544.2022.2103600.
5. **Ahmed S**, Kassem MA, Sayed S. Co-polymer mixed micelles enhanced transdermal transport of Lornoxicam: *in vitro* characterization, and *in vivo* assessment of anti-inflammatory effect and antinociceptive activity. *Journal of Drug Delivery Science and Technology*. 2021;62:102365. doi: <https://doi.org/10.1016/j.jddst.2021.102365>.
6. **Ahmed S**, Kassem MA, Sayed S. Bilosomes as Promising Nanovesicular Carriers for Improved Transdermal Delivery: Construction, *in vitro* Optimization, *ex vivo* Permeation and *in vivo* Evaluation. *International journal of nanomedicine*. 2020;15:9783-98. doi: 10.2147/IJN.S278688.

Publication profile

- **Citations:** 128
- **H-index:** 5

Projects and Anticipated Publications:

1. Recent otic delivery system for management of otitis media.
2. Recent transdermal delivery system for management of osteoarthritis.
3. Recent vaginal delivery system for management of vaginal Candidiasis.
4. Recent ocular delivery system for management of glaucoma.

Reviewer activities

1. European Journal of Pharmaceutical Sciences
2. Journal of Nanobiotechnology
3. AAPS PharmSciTech
4. International Journal of General Medicine

Teaching Activities

1. Physical pharmacy, Faculty of Pharmacy, Cairo University
2. Pharmaceutics 1, Faculty of Pharmacy, Cairo University
3. Pharmaceutics 2, Faculty of Pharmacy, Cairo University
4. Pharmaceutics 3, Faculty of Pharmacy, Cairo University
5. Pharmaceutics 4, Faculty of Pharmacy, Cairo University
6. Dosage forms 1, Faculty of Pharmacy, Cairo University
7. Dosage forms 2, Faculty of Pharmacy, Cairo University
8. Dosage forms 3, Faculty of Pharmacy, Cairo University
9. Biopharmaceutics and Pharmacokinetics, Faculty of Pharmacy, Cairo University
10. Industry 1, Faculty of Pharmacy, Cairo University
11. Industry 2, Faculty of Pharmacy, Cairo University
12. Quality control and quality assurance in Faculty of Pharmacy, Cairo University
13. Hospital Pharmacy for Hospital Pharmacy Diploma students, Faculty of Pharmacy, Cairo University
14. Cosmetics for cosmetics Diploma students, Faculty of Pharmacy, Cairo University
15. IT and computer applications for Master students.

Administrative Activities

1. Member of Devices and Scientific Laboratories Committee, Faculty of Pharmacy, Cairo University (August 2016 – Now)
2. ACPE accreditation team

Workshops Attended

1. Ethics and professional behavior in university work (Jan 2022)
2. Effective teaching skills (Sep 2021)
3. Modern trends in teaching (Aug 2021)
4. Essentials of blended learning (Oct 2020)
5. Critical thinking (Feb 2020)
6. Creative thinking (Sep 2019)
7. Quality standards in the teaching process (June 2019)
8. Effective presentation skills (Feb 2019)
9. Examination systems (Sep 2018)
10. International publication of scientific research (May 2018)

Conferences Attended

- 10th International Science Conference of Faculty of Pharmacy, Cairo university, Cairo, Egypt. Reshaping Pharma Sustainability and Innovation for Better Pandemic Response. (July 2021)