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Contact information

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Personal Information

Date of birth: 17th September, 1988

Marital Status: Single

Education

- **Doctor of Philosophy in Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, September 2018.
- **Master of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, June 2015.
- **Bachelor of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University, May 2010. Grade: Excellent with Honours – **3th** of Class.

Professional Experience

October 2018 - Present

Assistant Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

April 2011- October 2018

Teaching Assistant of Pharmaceutics, Faculty of Pharmacy, Cairo University, Cairo, Egypt.

Teaching Activities

- Undergraduate courses

Teaching theoretical courses, supervising practical labs, preparing course syllabi, and constructing exams and quizzes of:

1. **Pharmaceutics IV**, Faculty of Pharmacy, Cairo University.
2. **Pharmacokinetics and Biopharmaceutics**, Faculty of Pharmacy, Cairo University.
3. **Pharmacy Orientation**, Faculty of Pharmacy, Cairo University.
4. **Physical pharmacy**, Faculty of Pharmacy & Drug technology, Egyptian Chinese University (ECU).
5. **Pharmaceutics III** (reaction kinetics, sterile products and aerosols), Faculty of Pharmacy, Faculty of Pharmacy, Cairo University.
6. **Community Pharmacy**, Faculty of pharmacy Sinai University, Arish.
7. **Industrial Pharmacy I**, Faculty of Pharmacy, Sinai University, Arish.
8. **Physical Pharmacy**, Faculty of Pharmacy, Cairo University.
9. **Controlled Drug Delivery Systems**, Faculty of Pharmacy, Cairo University.
10. **Sterile products**, Faculty of Pharmacy, Misr International University (MIU).
11. **Pharmaceutics II**, Faculty of Pharmacy, Cairo University.
12. **Pharmacokinetics and Biopharmaceutics**, Faculty of Pharmacy, Misr University for Science and Technology (MUST).
13. **Quality control and quality assurance**, Faculty of Pharmacy, Cairo University.
14. **Industrial Pharmacy II**, Faculty of Pharmacy, Cairo University.
15. **Pharmaceutical analysis and quality control**, Faculty of Pharmacy, Cairo University.

- Postgraduate courses

Teaching theoretical courses, preparing course syllabi, and constructing exams of:

1. **Advanced drug delivery systems** (Premaster Pharmaceutics), Faculty of Pharmacy, Cairo University.
2. **Packaging & packaging materials** (Cosmetics Diploma), Faculty of Pharmacy, Cairo University.

3. **Advanced clinical pharmacokinetics** (Hospital Pharmacy Diploma), Faculty of Pharmacy, Cairo University.

Applied New Trends in Teaching

- 1- **Peer teaching** in Industrial Pharmacy II, Faculty of Pharmacy, Cairo University
- 2- **E-learning** in:
 - Pharmaceutics II, Faculty of Pharmacy, Cairo University.
 - Physical Pharmacy, Faculty of Pharmacy, Cairo University.
 - Pharmaceutics III in Faculty of Pharmacy, Misr International University.
 - Controlled Drug Delivery Systems, Faculty of Pharmacy, Cairo University.
 - Physical pharmacy, Faculty of Pharmacy & Drug technology, Egyptian Chinese University (ECU).

Administrative Activities

1. Member of Academic counselling committee (February 2019 – Present).
2. Member of Devices and Scientific Laboratories Committee, Faculty of Pharmacy, Cairo University (December 2017 – 2020).
3. Member of Committee of technical and financial envelope opening and decision making in tenders (September 2017 – 2020).

Professional Society memberships

1. Member of the Egyptian Pharmacists Syndicate (2010 - present)
2. Member of the Helwan Pharmacists Syndicate (2010 - present)
3. Member of the Egyptian Society of Pharmaceutical Sciences (2011-present)

Software experiences

- Statistical analysis using SPSS®.
- Design of experiments using Design Expert® software
- Management of references and citations using Mendeley®.

Workshops Attended

1. Effective Academic Writing, Nature research academies (2021)
2. Study design and critical appraisal: finding a needle in a haystack, Performance appraisal and quality assurance unit, Faculty of pharmacy, Cairo university (2021).

3. Mendeley Citation Manager Software, Performance appraisal and quality assurance unit, Faculty of pharmacy, Cairo university (2021).
4. Statistics: Introduction to Graphpad Prism, Performance appraisal and quality assurance unit, Faculty of pharmacy, Cairo university (2020).
5. Advanced tips in Microsoft word: making article and thesis writing easier, Performance appraisal and quality assurance unit, Faculty of pharmacy, Cairo university (2020).
6. Critical thinking, Faculty and leadership development center, Cairo university (2019).
7. Arabic and English editing in scientific research, Faculty and leadership development center, Cairo university (2018).
8. Decision making and problem solving, Faculty and leadership development center, Cairo university (2018).
9. Ethical considerations for animal use in research and education, Faculty and leadership development center, Cairo university (2018).
10. The credit hour systems, Faculty and leadership development center, Cairo university (2017).
11. Intellectual property protection in medicinal products, Performance appraisal and quality assurance unit, Faculty of pharmacy, Cairo university (2017).
12. Statistical analysis of bio-experiments, Faculty and leadership development center, Cairo university (2016).
13. Use of technology in teaching, Faculty and leadership development center, Cairo university (2015).
14. Strategic planning, Faculty and leadership development center, Cairo university (2015).
15. University code of ethics, Faculty and leadership development center, Cairo university (2013).
16. International publishing of scientific research, Faculty and leadership development center, Cairo university (2012).
17. Quality standards in teaching, Faculty and leadership development center, Cairo university (2012).
18. Effective teaching skills, Faculty and leadership development center, Cairo university (2012).
19. Research team management, Faculty and leadership development center, Cairo university (2011).

Language and Computer Skills

1. IELTS test, L:8, R:9, W:7, S:7 (Overall band=8). (2022)
2. Local TOEFL, Center of language and professional translation, Cairo University – Score 637. (2012)
3. International Computer Driving License (ICDL). (2011)

Supervising

- Master theses under progress (3)
- PhD theses under progress (3)

Awards

- Cairo University Awards for International Publications (2019)
- Best Ph.D. thesis in the Department of Pharmaceutics and Industrial pharmacy (2018).
- Cairo University Awards for International Publications (2018)

Posters presentations

1. "Development and in-vitro Characterization of Amisulpride loaded Nanostructured Lipid Carriers NLCs".
5th International Scientific Conference of Faculty of Pharmacy, Cairo University (Pharmacy at the Cutting-edge: Facing Future Challenges). (April 2014).
2. "Development of nano-micellar systems enriched with transcucol for enhancing the transcorneal permeation of Sertaconazole nitrate".
Global conference on nanotechnology and materials science, Valencia, Spain. (April 2019)

Conferences Attended

1. Global conference on nanotechnology and materials science, Valencia, Spain. (April 2019).
2. 9th International Science Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt. Towards Globally Recognized Egyptian Pharmaceutical Ingredients: A National Priority. (April 2018).
3. 5th International Science Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt. Pharmacy at the Cutting-edge: Facing Future Challenges. (April 2014).
4. Future University International Conference on Pharmaceutical Technologies, Future University. (February 2012).

List of publications

- **Younes NF**, Habib BA. Augmented local skin accumulation efficiency of sertaconazole nitrate via glycerosomal hydrogel: Formulation, statistical optimization, ex vivo performance and in vivo penetration. J Drug Deliv Sci Technol [Internet]. 2022;72(April):103364.
- **N.F. Younes**, A.E.-H.I. El Assasy, A.I. Makhlof, Microenvironmental pH-modified Amisulpride-Labrasol matrix tablets: development, optimization and in vivo pharmacokinetic study, Drug Delivery and Translational Research. (2020) 1–15.
- El Assasy AE-HI, **Younes NF**, Makhlof AI. Enhanced Oral Absorption of Amisulpride Via a Nanostructured Lipid Carrier-Based Capsules: Development, Optimization Applying the Desirability Function Approach and In Vivo Pharmacokinetic Study. AAPS PharmSciTech. Springer; 2019;20(2):82.
- **Younes NF**, Abdel-Halim SA, Ellassasy AI. Corneal targeted Sertaconazole nitrate loaded cubosomes: Preparation, statistical optimization, in vitro characterization, ex vivo permeation and in vivo studies. International journal of pharmaceutics. Elsevier; 2018;553(1-2):386–97.
- **Younes NF**, Abdel-Halim SA, Ellassasy AI. Solutol HS15 based binary mixed micelles with penetration enhancers for augmented corneal delivery of sertaconazole nitrate: optimization, in vitro, ex vivo and in vivo characterization. Drug Delivery. Taylor & Francis; 2018;25(1):1706–17.