

## CURRICULUM VITAE

### Personal Data



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5. **Gender:** Female
6. **Nationality:** Egyptian

### Academic Degrees:

**2018-** PhD. of Pharmaceutical Sciences, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt. Thesis entitled: **“Drug Delivery Systems for Macrophage Targeting”**

**2014** - M.Sc. of Pharmaceutical Sciences, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt. Thesis entitled: **“Multiparticulate Carriers for Improved Pulmonary Drug Delivery”**.

**2010** - B.Sc. of Pharmacy, grade “Distinction” (honor), Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

**2005-** General secondary certificate with grade 98.78% **El-nasar Girls College (E.G.C.), Alexandria, Egypt.**

## **Academic profile:**

**2019-current:** Lecturer, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

**Summer 2020:** Delegate Lecturer, Collage of Pharmacy, Arab Academy for Science and Technology, Alexandria, Egypt.

**2014-2018:** Assistant lecturer, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

**2010-2014:** Demonstrator, Department of Pharmaceutics, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

## **Publications:**

### **Published contribution to academic conferences:**

#### **Posters:**

1. **S. Makled, N. Nafee, N. Boraie. "Optimized solid lipid nanoparticles for pulmonary application"**. 40th Annual Meeting & Exposition of the Controlled Release Society, July 2013, Hawaii, USA.
2. **S. Makled, N. Nafee, N. Boraie. "Solid Lipid Nanoparticles Improved The Targeted Delivery of Phosphodiesterase 5 Inhibitor For The Treatment of Pulmonary Hypertension"** 40th Annual Meeting & Exposition of the Controlled Release Society, July 2013, Hawaii, USA.
3. **S. Makled, N. Nafee, N. Boraie. "Nanostructured lipid carriers for the treatment of pulmonary hypertension via nebulization"** 9<sup>th</sup> World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, April 2014, Lisbon, Portugal.

## **RESEARCH PAPERS:**

- Shaimaa Makled, Nabila Boraie Noha Nafee, "Nanoparticle-mediated macrophage targeting—a new inhalation therapy tackling tuberculosis. Drug Delivery and Translational Research. 10.1007/s13346-020-00815-3 (2020).
- Noha Nafee, Shaimaa Makled, Nabila Boraie "Nanostructured lipid carriers *versus* solid lipid nanoparticles for the potential treatment of pulmonary hypertension *via* nebulization" European Journal of Pharmaceutical Sciences, 125, 151-162 (2018)
- Shaimaa Makled, Noha Nafee, Nabila Boraie. "Nebulized solid lipid nanoparticles for the potential treatment of pulmonary hypertension via targeted delivery of phosphodiesterase-5-inhibitor". International Journal of Pharmaceutics, 507, 312-331 (2017)

## **Teaching Skills**

- Undergraduate courses of Physical Pharmacy to Pharm D (Clinical) 1<sup>st</sup> year students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses of Pharmacy Orientation to Pharm D, 1<sup>st</sup> year and Clinical Pharmacy students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses of Pharmaceutical calculations to 2<sup>nd</sup> year students, collage of Pharmacy, Arabic Academy for Science and Technology, Alexandria, Egypt.
- Postgraduate courses of Drug Delivery II to PhD students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Postgraduate courses of Seminar to Hospital pharmacy Diploma students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Physical Pharmacy to 1<sup>st</sup> year and Clinical Pharmacy students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Dosage forms to 1<sup>st</sup> students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Dosage forms II to 2<sup>nd</sup> year students and Clinical Pharmacy students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Bio pharmaceuticals & Pharmacokinetics to 3<sup>rd</sup> year students and Clinical Pharmacy students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Stability of pharmaceuticals to 3<sup>rd</sup> year students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of Cosmetics preparation to 3<sup>rd</sup> year students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of community pharmacy practice to 3<sup>rd</sup> year students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Undergraduate courses (Practical) of community pharmacy practice to 4<sup>th</sup> year students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Contribution in organization of summer training courses for 3<sup>rd</sup> year Pharmacy students, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

## **Contribution to student, academic and social activities**

- Member of the Quality Assurance Unit, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

## **Job-related skills**

- Ability to work and fit in different groups or teams (being a member of the team responsible for teaching the practical sections for the first-year, second-year, third-year and fourth-year pharmacy students as well as other teams teaching for undergraduate clinical pharmacy students).
- Ability to teach various undergraduate courses (Pharmaceutical formulations, pharmaceutical calculations, micrometrics, complexation, drug interaction, Prescription review).
- Supervising various students' activities (oral presentations, posters, brochures, role play, case studies, medication booklets and questionnaires).
- Ability to perform under stress and carry heavy duties (teaching different courses while studying or doing research work).
- Pharmaceutical formulations (gained through Master and PhD thesis).

## **Communication skills**

- Good communication skills with students, colleagues, supervisors, and advisors gained through my experience as teaching assistant and researcher.

## **Organisational / managerial skills**

- Good team-leading skills gained as being the principle teaching assistant in charge of some practical pharmaceutics courses (Dosage form II, physical pharmacy, biopharmaceutics and pharmacokinetics)

## **Computer Skills**

- International Computer Driving License (ICDL) program (UNESCO certified).

## **Memberships**

- Member of the Egyptian Pharmacist Syndicate.
- Member of Alexandria Syndicate of Pharmacists

## **Awards**

- April 2011: Egyptian Pharmacist Syndicate Award for Academic Distinction.
- May 2011: Alexandria Syndicate of Pharmacists Award for Academic Distinction, Alexandria, Egypt.
- September 2010: Alexandria University Award for Academic Distinction and achieving the 8th rank on class during the undergraduate studies, Alexandria, Egypt.
- May 2008: Faculty of pharmacy award for achieving the 5th rank on class in second year pharmacy.
- May 2009: Award offered by the department of Pharmaceutics, Faculty of Pharmacy, Alexandria University for achieving a 3rd rank in student's activities and presentations  
Research title: "OTC drugs for skin disorders".

- Financial awards for undergraduate excellence, Alexandria University, Alexandria, Egypt.