

Curriculum Vitae

Personal Information:



★ **Name:**

- Amira Mohsen Mohammed Motawea.

★ **Date of birth:**

- 14 / 10 / 1985

★ **Citizenship:**

- Egyptian

★ **Mailing address:**

- 60 El Gomhoria St. - Department of Pharmaceutics – Faculty of Pharmacy – Mansoura University – Egypt – Zip code: 35516

★ **E-mail address:**

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★ **Telephone No.**

- +2/050/2525263
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★ **Marital state:**

- Married

★ **Native language:**

- Arabic

★ **Other languages:**

- English (Very good)
- Pass a TOEFL-IBT test with a good score.

★ **Other Qualifications:**

- Professional in dealing with most computer programs and have the international computer driving license (ICDL).

* Educational Qualifications:

★ Bachelor of Pharmaceutical Sciences

- Date: may / 2007 – Faculty of Pharmacy – Mansoura University – Egypt.
- Degree of graduation: Excellence with honor (86.64%)
- Graduation Ranking: 7th achiever

★ Master in pharmaceutical sciences (Pharmaceutics)

- Date: September / 2011 – Faculty of Pharmacy – Mansoura University – Egypt.
- Master Thesis: A Pharmaceutical Study on Modification of the In-vitro Release and Bioavailability of Certain Drugs via Co-grinding with Some Additives

★ Doctor of philosophy in pharmaceutical sciences (Pharmaceutics)

- Date: August / 2017 – Faculty of Pharmacy – Mansoura University – Egypt.
- Ph.D. Thesis: Pharmaceutical Study on Lipid-Based Nanostructured Drug Delivery Systems.

* Employment History:

★ Demonstrator in the department of pharmaceutics – Faculty of Pharmacy – Mansoura University – Egypt.

From 2007 until 2011.

★ Assistant lecturer in the department of pharmaceutics – Faculty of Pharmacy – Mansoura University – Egypt.

From October / 2011 until July 2017.

★ Lecturer in the department of pharmaceutics – Faculty of Pharmacy – Mansoura University – Egypt.

From August / 2017 until now.

* Teaching Duties:

- Teaching practical Pharmaceutics courses to undergraduate students in the ordinary pharmacy program. The taught courses include:
 - ✓ Formulation of different Pharmaceutical preparations including: simple mixture, suspension, emulsion, suppositories, tablet, tablet triturates, effervescent granules, and other topically applied preparations.
 - ✓ Formulation of different cosmetic preparations including: creams, ointments, shampoo, sticks, tooth paste.....etc.
 - ✓ Powder technology such as flowability and compressibility.
 - ✓ Physical pharmacy.
- Teaching practical Pharmaceutics courses for the undergraduate students in the clinical pharmacy program.
- Teaching practical Pharmaceutics courses for the postgraduate students in the following diplomas programs:
 - ✓ Clinical and Hospital Pharmacy Diploma.
 - ✓ Industrial Pharmacy and Pharmaceutical Technology Diploma.
 - ✓ Quality Control Diploma.
- Preparation of practical lessons, including preparation of materials and chemicals, theoretical discussions with students, applying calculations for the preparations in laboratories.

* Research Fields and Experience:

- Formulation and evaluation of several self-emulsifying systems with different compositions.
- *In vitro* evaluation, stability study and applying quality control tests on different dosage forms.
- Bioavailability and *in vivo* studies on both animals and human volunteers.

- Preparation and evaluation of Nanoparticles prepared from preformed polymers.
- Preparation of lipid based nano-structured drug delivery systems such as solid lipid nanoparticles and nanostructured lipid carriers.

* Conferences:

- Oral Presentation in the 4th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World and the 2nd international Conference of the college of pharmacy and health science, Ajman University of Science and Technology (AUST), UAE 7th -9th , February 2012.
- Poster presentation at the Diabetic Foot Study Group (DFSG) 2017 Conference in Porto, Portugal as well as at the 53rd European Association for the study of Diabetes (EASD) 2017 Conference in Lisbon, Portugal. It is entitled "The Impact of Topical Phenytoin Loaded Nanostructured Lipid Carriers in Healing in Neuropathic Foot Ulceration".
- An audian in the 1st international Conference of Pharmaceutical science, MU-PHARM, April 9-11, 2017.

* Publications:

- Amira M. Mohamed, Abd El-Gawad H. Abd El-Gawad, Thanaa Borg and Mohamed H. El-Shaboury, Improvement of Dissolution Characteristics and Bioavailability of a Poorly Water-Soluble Drug by Co-Grinding with Polymers. Egypt. J. Biomed. Sci. vol. 35, 2011.
- Amira Motawea, Thanaa Borg, Manal Tarshoby & Abd El-Gawad H. Abd El-Gawad, Nanoemulsifying Drug Delivery System to Improve the Oral Bioavailability of Piroxicam. Pharmaceutical Development and Technology, vol. 22, issue 3, 2017.

- Amira Motawea, Thanaa Borg & Abd El-Gawad H. Abd El-Gawad, Topical Phenytoin Nanostructured Lipid Carriers: Design and Development. Drug Development and Industrial Pharmacy, vol. 44(1): 144-157, 2018.

* Awards and patents:

- The award of the faculty of pharmacy- Mansoura University for graduation as the 7th achiever.
- Mansoura University award for the master thesis for the year 2011.
- Mansoura University award for the Ph.D. thesis for the year 2017.

* Other Activities:

- Academic Advisor for twenty students in the faculty of pharmacy.
- Supervisor on twenty students in the summer training courses 2011-2012.
- A permanent member in the faculty team for Continuous Improvement and Qualification for Accreditation Project.
- A permanent member in the faculty team for Strategic Planning for Accreditation Project.
- Active member in the faculty team for E-learning unit
- Active member in tutorial and students service activities in the faculty of pharmacy – Mansoura University.
- Shared in the preparation of Annual Faculty Self-Assessment Report for the years 2009 until 2016.
- Attended a number of training programs in the FLDP project (Faculty and Leadership Development Project) in the fields of;
 - 1- Ethics and morals of teaching career.
 - 2- Preparation as a university teacher.
 - 3- Organizing scientific conferences
 - 4- The use of technology in teaching

- 5- Time Management and Meetings
- 6- Communication in the different learning styles
- 7- Credit hours System.
- 8- Strategic Planning.
- 9- Legal and Financial Aspects in the University.
- 10- Scientific Publishing.
- 11- International and Local Competitive Researches Projects.
- 12- An Effective Presentation.