

Dr. Mai Mahmoud Ali



Title: Lecturer in Pharmaceutics

Tel: 01001994153

E-mail: maimahmoudali@gmail.com

Biographical sketch

- **September 2017 – Now**
 - **Lecturer of Pharmaceutics**
College of Pharmacy
Arab Academy for Science, Technology & Maritime
Transport, Alexandria, Egypt.

- **2014 – August 2017**
 - **Lecturer**
Dept. of Pharmaceutics and Industrial Pharmacy
Faculty of Pharmacy & Drug Manufacturing
Pharos University in Alexandria, Egypt

 - **Secretary of the Pharmaceutics and Industrial
Pharmacy Department Council**
Dept. of Pharmaceutics and Industrial Pharmacy
Faculty of Pharmacy & Drug Manufacturing
Pharos University in Alexandria, Egypt

- **May 2014**
PhD Degree in Pharmaceutics
Faculty of Pharmacy, University of Alexandria, Alexandria,
Egypt.

- **2008 – Now**
Member of the following faculty committees
 - Summer Training Committee
 - Exams and Control Committee
 - Quality Assurance Committee
 - Academic Advising Committee

- **2008 – 2014**
Assistant Lecturer
Dept. of Pharmaceutics and Industrial Pharmacy
Faculty of Pharmacy & Drug Manufacturing
Pharos University in Alexandria, Egypt

	<ul style="list-style-type: none"> • <u>August 2008</u> Master Degree in Pharmaceutics Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt. • <u>2002 – 2008</u> R&D Pharmacist Pharonia Phamaceuticals, Alexandria Egypt. • <u>June – October 2002</u> Community Pharmacist ELMotawakel Pharmacy, Alexandria, Egypt. • <u>May 2002</u> Bachelor Degree in Pharmacy (Very Good) Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt. • <u>1984 -1997</u> E.G.C. student and graduate
<p>Conference & Workshop attending</p>	<ul style="list-style-type: none"> • Clinical Skills Highlight (Part I) – Drug Information Essential Skills Beyond the Basics. Pharos University, Alexandria, 7-9 February 2017. • First PUA International Conference on Advances in Pharmaceutical Sciences, Pharos University, Alexandria, 27-29 October 2015. • Pharos University EDC courses <ul style="list-style-type: none"> - Syllabus Design and Construction, - Learning Styles and Teaching Strategies, - Interactive Teaching, - Student Motivation and Feedback, - Managing Large Class Lectures, - Design Rubrics for Student Assessment, - Stress Management, - Writing a Research Proposal, - Word Proof and Formatting, - Video making and Editing and - Design Academic Posters • Process Validation Workshop, Cairo, Egypt. March 2006.

<p>Publications</p>	<ul style="list-style-type: none"> • E-Poster. Ragwa M. Farid, Mai M. Ali, Noha S. ElSalamoni. Optimization of chamomile oil nano-emulgel formulations using Factorial design. The 5th Euro-Mediterranean Conference and Expo on Natural Products, Pharma & Complementary Medicine: Novelties and Emerging Targets, 1-3 March 2018 Limassol, Cyprus. • Poster. Sarah K. Amer, Mai M. Ali, Mohammed A. Elkholy, Abrar Meshref. Nanocarrier-mediated Photodynamic Therapy for The Control of MRSA: A computerized literature review. 23rd Dubai International Pharmaceutical & Technology Conference & Exhibition (DUPHAT) 26 – 28 Feb 2018. • Wen, Ming Ming, Noha S. El-Salamouni, Wessam M. El-Refaie, Heba A. Hazzah, Mai M. Ali, Giovanni Tosi, Ragwa M. Farid, Maria J. Blanco-Prieto, Nashiru Billa, and Amira S. Hanafy. "Nanotechnology-based drug delivery systems for Alzheimer's disease management: Technical, industrial, and clinical challenges." Journal of Controlled Release (2016). • Poster. Mai M. Ali, Magda A. EL-Massik and Ossama Y. Abdallah. Effect of Bioactive Excipient Pluronic P85 on Bioavailability of the Efflux Transporter P-glycoprotein Substrate, Acyclovir, from Matrix CR Mini Tablets. First PUA International Conference on Advances in Pharmaceutical Sciences, Pharos University, Alexandria, 27-29 October 2015. • Poster. Mai M. Ali, Magda A. EL-Massik and Ossama Y. Abdallah. Effect of Formulation Aspects on Improving Bioavailability of a Model PEPT1 Transporter Substrate (Valacyclovir) from CR Mini Tablets..First PUA International Conference on Advances in Pharmaceutical Sciences, Pharos University, Alexandria, 27-29 October 2015. • Ali, M., et al. "Reduction of Bitterness and Enhancing Palatability of Cetirizine Oral Liquid Dosage Forms by Cyclodextrins." Journal of Pharmaceutics & Drug Development 1.3 (2014): 1.
<p>Academic Research Interests:</p>	<ul style="list-style-type: none"> • Dosage form design (immediate release, sustained release, delayed release DDS, ODT, pharmaceutical implants, GRDDS, in situ gelling systems) • Novel Drug Delivery (liposomes, microemulsions, polymeric nanoparticles, solid lipid nanoparticles, nanostructured lipid carriers, organogels, nanoemulsions) • Targeted drug Delivery (brain, stomach, colon, topical, transdermal, ocular) • Cancer drug delivery

Teaching Courses

- **Orientation to Pharmacy Practice ()**
- Introduction to Pharmacy ()
- Pharmaceutical Professional Communication ()
- Physical Pharmacy ()
- Solid Dosage Forms ()
- Semisolid Dosage Forms ()
- Liquid Dosage Forms ()
- Biopharmaceutics ()
- Principles of Equilibria & Reaction Kinetics of Drugs ()
- Pharmaceutical Technology ()
- Industrial Quality control & GMP ()
- Pharmaceutical Unit Operation ()
- Advanced Pharmaceutics ()