

Template for a Staff Curriculum Vitae

Contact Details	
Name:	Hebatallah Soliman Barakat
Title:	Lecturer
Department:	Pharmaceutics
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Biography	<p><u>Academic Qualifications:</u></p> <p>PhD: Ph.D. in Pharmaceutical Sciences, Pharmaceutics, Alexandria University, 2014 . Thesis Title: "Pharmaceutical Study of Some Vesicular Drug Delivery Systems"</p> <p>Master: M.Sc. in Pharmaceutical Sciences, Pharmaceutics, Alexandria University, 2007. Thesis Title: "Pharmaceutical Study of Some Drug Delivery Gel Systems "</p> <p>B.SC: Bachelor of Pharmaceutical Sciences" Distinction with Honor" Alexandria University, Egypt.1998.</p> <p><u>Career History and Professional Experience</u></p>
Research Interest	<p>1- Pharmaceutical nanotechnology particularly lipo-structured nanocarriers including Solid Lipid Nanoparticles (SLN), Nanostructured Lipid Carriers (NLC), Nanoemulsions, Niosomes as well as Nanofibers, Nanocrystals and phospholipid based delivery systems.</p> <p>2-</p>



	<p>2 -Drug delivery systems targeting bacterial biofilms.</p> <p>3 -Optimization and assessment of delivery systems covering different routes of administration including oral, sublingual, buccal, vaginal and transdermal routes .</p>
Publications	<p>Barakat, Heba S., Darwish, Inas A., El-Khordagui, Labiba K. and Khalafallah, Nawal M. (2009)" Development of Naftifine Hydrochloride Alcohol-Free Niosome Gel", Drug Development and Industrial Pharmacy, 35:5, 631-637.</p> <p>Barakat, Heba S., Kassem, Mervat A., El-Khordagui, Labiba K. and Khalafallah, Nawal M. (2014)" Vancomycin-Eluting Niosomes: A New Approach To The Inhibition of Staphylococcal Biofilm On Abiotic Surfaces " AAPS PharmSciTech, 15:5, 1263-1274.</p> <p>Abozaid, Darine, Ramadan, Alyaa , Barakat, Heba and Khalafallah, Nawal (2018) "Acyclovir lipid nanocapsules gel for oromucosal delivery: A preclinical evidence of efficacy in the chicken pouch membrane model,"European Journal of Pharmaceutical Sciences"121, 228-235.</p>
Conferences & workshops	<p>Barakat, Heba S., Darwish, Inas A., El-Khordagui, Labiba K. and Khalafallah, Nawal M., (2006), "Formulation and evaluation of naftifine hydrochloride non-ionic surfactant vesicles", Biovision, Alexandria, April 2006.</p> <p>Barakat, Heba S., Darwish, Inas A., El-Khordagui, Labiba K. and Khalafallah, Nawal M. (2008) " Development of Naftifine Hydrochloride Alcohol-Free Niosome Gel", Biovision, Alexandria, April 2008.</p> <p>Barakat, Heba S., Kassem, Mervat A., El-Khordagui, Labiba K. and Khalafallah, Nawal M. (2013) "Targeting and Combating Bacterial Biofilms on Abiotic Surfaces: A New Niosome Application" The 14th Arab International Conference of Materials Science: Materials for Biomedical Applications, Alexandria, December, 2013.</p>



	<p>Hebatallah S. Barakat, May S. Freag, Sarah M. Gaber, Afaf Aloufy and Ossama Y. Abdallah (2019)” development of verapamil HCl loaded composite electrospun nanofibers: A novel application as wound dressings, PHS 2019, Alexandria, November 2019.</p> <p>Noha I.Khamis, Hebatallah S. Barakat, Magda A. EL-Massik and Ossama Y. Abdallah, Methyl dihydrojasmonate Solid Lipid Nanoparticles; a Novel Approach for Cervical Cancer Treatment: Preparation and In-vitro Characterization, PHS2019, Alexandria, November 2019</p>
<p>Professional and Scientific Activities (optional)</p>	<p>1 .Research projects</p> <p>None</p> <p>2. Master/PhD theses supervision</p> <p>1- Development and characterization of a drug delivery system for treatment of some mouth diseases (Master thesis).</p> <p>2- Assessment of the in vitro activity and post antibiotic effect of several antibiotic combinations (including azithromycin nanosuspension) on extensively drug resistant <i>klebsiella pneumoniae</i> clinical isolates (Ph.D. thesis).</p> <p>3- Development of Composite Nanofibers-Based Drug Delivery Systems for Wound Treatment (Master thesis).</p> <p>4- Design and evaluation of a targeted nano-system for improving the treatment of some cancerous or precancerous lesions(Ph. D thesis)</p> <p>5- Development of targeted drug delivery system based on nanometric formulations for the local treatment of oropharyngeal cancerous or precancerous lesions. (Master thesis)</p> <p>3. Visiting Professors to foreign universities</p> <p>4. Teaching activities</p> <p>1-Pharmacy orientation (Introduction to pharmacy), B.Pharm program, first year 2014-2016.</p> <p>2- Physical pharmacy, Clinical pharmacy program, sem 2 (2014-2021).</p>



	<p>3- Dosage Forms 2, Clinical pharmacy program, sem 5 (2014-2021).</p> <p>4- Hospital pharmacy, Clinical pharmacy program, sem 7 (2014-2021).</p> <p>5- Dosage forms 1, Clinical pharmacy program, sem 3 (2017-2018).</p> <p>6- Semisolid dosage forms, AAST, Semester 3, (2017-2019).</p> <p>7- Liquid dosage Forms, AAST, Semester 1, (2017-2018).</p> <p>8- Cosmetic preparations . AAST, Semester 9, (2020-2021).</p> <p>9- Pharmaceutics 1, Pharm D, semester3, (2020-2021)</p> <p>10- Special courses for postgraduate master and PhD students Alexandria University -Postgraduate master students 2014-2019. -PhD students 2014-2018. -Hospital Pharmacy Clinical Diploma students 2017-2020.</p> <p>5. Others</p>
Awards	None