


<p><u>Contact Information:</u></p> <p>Name: Yosra Shaaban Rabea Elnaggar Title: Associate Professor of Pharmaceutics Tel: room phone: 008 Email: yosra.elnaggar@pua.edu.eg Room: C032</p>	
<p>Biographical sketch (Academic Degrees – Fellowships and Associations)</p>	<ul style="list-style-type: none"> • Dr Yosra S.R. Elnaggar is currently an Associate professor at Faculty of Pharmacy and drug manufacturing; Pharos University in Alexandria (PUA) - She got her Bachelor degree in Pharmaceutical science in 2004 from Faculty of pharmacy Alexandria University. She got her Master of Pharmaceutical Science (M.SC.) Degree in Pharmaceutics in July 2007 from Faculty of Pharmacy Alexandria University. She got her Philosophy in Doctor degree PhD in pharmaceutics August 2010 from Alexandria University. She became associate professor since December 2015. • She received 14 awards for international publication since 2009 to 2016. She earned Alexandria University Award for Scientific Motivation for the year 2015. • She was selected as favorite author by international journal of nanomedicine since 2011 to present. • She was selected among international reviewer committee of several international journals since 20019 and so far. • She worked as head of central research laboratory in faculty of Pharmacy Alexandria University (fall 2013). She was a member of several committees in faculty of Pharmacy, Alexandria University; including student affairs and learning committee; testing committee for selection of eligible students to visit Koyoto Pharmaceutical University (Japan); Faculty committee of students with special needs; and quality assurance committee of pharmaceutics department. She was nominated as department representative in library committee of faculty of pharmacy.
<p>Publications</p>	<ol style="list-style-type: none"> 1. Yosra. S.R. Elnaggar*, Magda. A. El-Massik, Ossama. Y. Abdallah, Self-nanoemulsifying drug delivery systems of tamoxifen citrate: Design and optimization. International Journal of Pharmaceutics 380 (1-2): 133-141 (2009). 2. Yosra S.R. Elnaggar*, Magda A. El-Massik, Ossama Y. Abdallah, and Abd Elazim R. Ebian. Maltodextrin: A Novel Excipient Used in Sugar-Based

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 8. May S. Freag¹, **Yosra S.R.Elnaggar^{1*}**, Ossama Y. Abdallah. Lyophilized Phytosomal Nanocarriers (LPNs) as Platforms for Enhanced Diosmin Delivery: Optimization and Ex-vivo Permeation. **International Journal of Nanomedicine** 8: 2385–2397 (2013).
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 10. **Yosra S.R. Elnaggar^{a*}**, Wessam M. El-Refaie^b, Magda A. El-Massik^b, Ossama Y. Abdallah^a. Lecithin-based nanostructured gels for skin delivery: An update on state of art and recent applications. **Journal of Controlled Release** 180: 10–24 (2014).
 11. Manal A. Elsheikh , **Yosra S.R. Elnaggar ,*** Ossama Y. Abdallah . Rationale employment of cell culture versus conventional techniques in pharmaceutical appraisal of nanocarriers. **Journal of Controlled Release** 194: 92–102 (2014).
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 14. Wessam M. El-Refaie^b, **Yosra S.R. Elnaggar^{a*}**, Magda A. El-Massik^b, Ossama Y. Abdallah^a. Novel Self-assembled, Gel-core Hyaluosomes for Non-invasive Management of Osteoarthritis: In-vitro Optimization, Ex-vivo and In-vivo Permeation. **Pharmaceutical Research** 32:2901–2911 (2015).
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 16. Wessam M. El-Refaie^a, **Yosra S.R. Elnaggar^{b*}**, Magda A. El-Massik^a, Ossama Y. Abdallah^b. Novel Curcumin-loaded Gel-Core Hyaluosomes with Promising Burn-Wound Healing Potential: Development, In-vitro Appraisal and In-vivo Studies. **International journal of pharmaceutics** 486: 588-98 (2015).
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 20. May S. Freag¹, **Yosra S.R. Elnaggar^{1*}**, Ossama Y. Abdallah. In-vitro Cytotoxicity and Pharmacokinetics of PEGylated Monoolein-based Liquid Crystalline Nanoparticles of Aloe-emodin for Cancer Therapy” **International journal of Nanomedicine**. Accepted for publication (June 2016).
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Academic Research Interests:	<p>Dr Yosra Elnaggar is interested in <i>pharmaceutical nanotechnology as an imperative tool to improve therapeutic efficacy of drugs</i> mainly in cancer therapy. She has good experience in elaboration and appraisal procedures of several nanocarriers Lipid nanocarriers, polymeric nanoparticles and drug nanosuspensions. Nanomedicines of interest encompass nano-sized delivery systems including Solid Lipid Nanoparticles (SLN), Nanostructured Lipid Carriers (NLC), Nanoemulsion, Self-nanoemulsifying Drug Delivery Systems (SNEDDS), Liposomes, Self-emulsifying phospholipid dispersions, Phytosomes, Bilosomes, transfersomes, ethosomes, Hylauossomes, polymersomes. Nano-structured gels and chitosan nanoparticles. Her experience in optimization and assessment of delivery systems covers different non-invasive routes of administration including oral, sublingual, intranasal, and dermal and transdermal routes of administration, with detailed hands on experience in in-vitro transdermal studies via human and animal skin modeling, Alzheimer's animal model and cancer cell line and other cell culture techniques. Recent delivery approaches focused on cancer and disease targeting via both passive and active techniques, with higher emphasis on herbal drugs. Another important approach is employment of bioactive nanocarriers to improve bioavailability of drugs suffering pre-systemic clearance. Furthermore, research interest encompasses pharmaceutical technology with higher concern in Orally Disintegrating Tablets (ODT); manufacturing; evaluation and patents.</p>
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