

Rana Refaat Fahmy Makar

Education

Misr Language Schools (MLS)-Thanaweya Amma - June 2000.

B.Sc. Faculty of Pharmacy, Cairo University - May 2005.

M.Sc. Pharmaceutical Sciences – November 2013.

PhD Pharmaceutical Sciences - January 2020.

Experience

Misr Language Schools (MLS), American Division, 2005 - 2006.

Ahram Canadian University, Teaching Assistant –Pharmaceutics – 2007- 2013.

Ahram Canadian University, Assistant Lecturer –Pharmaceutics – 2013-2020.

Ahram Canadian University, Assistant Lecturer –Pharmaceutics – 2020-Present .

Languages

-Arabic: Excellent written and spoken

-English: Excellent written and spoken.

Posters

-Optimization for Glimepiride Dissolution Enhancement Utilizing Different Carriers and Techniques, Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly - Third Scientific Conference of Faculty of Pharmacy, Cairo University: Good Pharmacy Practice 2012.

-Dissolution Enhancement of a Poorly Soluble Drug via a Modified Spherical Agglomeration Technique Combining Quasi-Emulsion and Crystallo-Coagglomeration - Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly - AAPS Annual Meeting and Exposition, San Diego, 2014.

-The Impact of Triple Solid Dispersion Adsorbates and Spherical Agglomerates on In-Vitro & In-Vivo Performance of Glimepiride Tablets, Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly - Sixth Scientific Conference of Faculty of Pharmacy Cairo University: 2020 Vision for Pharmacy in Egypt 2015.

-The impact of bioceramic nanocarriers on the intranasal delivery of zaleplon nanoscale powder through new adsorption techniques: Improvement in hypnotic effect and bioavailability, Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly – Biologics and Biosimilars Symposium, New Giza University (NGU), 2020.

Publications

- Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly 'Optimization for Glimepiride Dissolution Enhancement Utilizing Different Carriers and Techniques' *Journal of Pharmaceutical Investigation*, 43(2),115-131,2013.
- Rana Refaat Makar, Randa Latif, Ehab Ahmed Hosni & Omaira Naim El Gazayerly 'The Impact of Amorphisation and Spheronization Techniques on the Improved In-Vitro & In-Vivo Performance of Glimepiride Tablets, *Advanced Pharmaceutical Bulletin*, 7(4), 557–567,2017.
- Randa Latif, Rana R. Makar, Ehab A. Hosni & Omaira N. ElGazayerly 'The Impact of Bioceramic Nanocarriers on the Intranasal Delivery of Zaleplon Nanoscale Powder Through New Adsorption Techniques: Improvement in Bioavailability and Hypnotic Effect' *Journal of Drug Delivery Science and Technology*, 55, 101375, 2020.
- Rana R. Makar, Randa Latif, Ehab A. Hosni & Omaira N. ElGazayerly 'A New Crystal Engineering Technique for Dissolution Enhancement of Glimepiride Combining Quasi-Emulsion and Crystallo-Coagglomeration Methods' *Iranian Journal of Pharmaceutical Research*, *Iranian Journal of Pharmaceutical Research*, 19(2), 219-235, 2020.
- Randa Latif, Rana R. Makar, Ehab A. Hosni & Omaira N. ElGazayerly 'The potential of intranasal delivery of nanocrystals in powder form on the improvement of zaleplon performance: in-vitro, in-vivo assessment' *Drug Development and Industrial Pharmacy*, 47, (2):268-279,2021.

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