



Mahmoud Elkot

Mostafa Elsadek

**Lecturer of Pharmaceutics
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Profile

Brief Biography

Graduation: **B.Sc.** of Pharmaceutical Sciences, Al-Azhar University, Assiut Branch, Assiut, Egypt "Excellent with the degree of honor". (2012)

M.Sc. degree: Master thesis in pharmaceutics with the title: " The Use of Box-Behnken Design and Response Surface Technique in the Preparation of Fast Dissolving Tablets of Tolmetin Sodium as Model Drug" at the Department of pharmaceutics, Faculty of Pharmacy, Minia University, Minia, Egypt. (2017)

Ph.D. Degree: Doctor of Philosophy in pharmaceutics with the title: " The Use of Carbon Nanotubes as a Drug Delivery System of Anticancer Drug for Treatment of Hepatocellular Carcinoma " at the Department of pharmaceutics, Faculty of Pharmacy, Minia University, Minia, Egypt. (2020)

Research Interest

- Preparation of solid dosage forms.
- Preparation and characterization of carbon nanotubes loaded with drug
- preparation of nanoparticles loaded with anticancer drugs

Selected Publications

M. Elkot, Mahmoud. M, Khalid. A, Hatem. A. Accelerated Physical Stability Testing of Tolmetin Sodium Fast Dissolving Tablets Prepared by Direct Compression Method. International Journal of Pharmacy and Pharmaceutical Research. 8(3) (2017) 42-51 .

A. Sarhan, Montaser Sh. A. Shaykoon, Shady Allam, Ahmed R.H. Ahmed, and Bakheet E. M. Elsadek. Design and characterization of novel sorafenib-loaded carbon nanotubes with distinctive tumorsuppressive activity in hepatocellular carcinoma. international journal of nanomedicine. 14(3) (2019) 8445-8467.

Mahmoud E. Mostafa, Mahmoud M.A. El-Sayed, Eman Alaaeldin, Hatem A. A. Sarhan, Montaser Sh. A. Shaykoon Bakheet E. M. Elsadek. Accelerated Stability Testing of Microcapsulated Sorafenib-loaded Carbon nanotubes Prepared by emulsification/internal gelation Method. International Journal of Pharmacy and Pharmaceutical Research. 16(4) (2019) 126-139.