

Special Issue

Research on the Development of Nano-Based Polymeric Films for Drugs and Their Derivatives

Message from the Guest Editors

Recently, the association of nanocarriers with polymeric films has been investigated given the potentialities attributed to nanotechnological-based formulations, including controlled drug release, reduced toxicity, increased adhesiveness, permeation through biological barriers and pharmacological actions. In this sense, nano-based polymeric films may represent a promising alternative for numerous purposes. Thus, this Special Issue aims to address studies approaching the development, characterization, and biological evaluation of nanotechnological-based polymeric films. Potential new uses and novel formulations of polymeric films are welcome, mainly exploring the use of biodegradable and biocompatible materials.

Research areas may include (but not limited to) the following: nano-based polymeric films, natural gums or other natural agents as film forming materials, toxicological aspects of polymeric films associated with nanocarriers (hard and soft-particles), pharmacological evaluation of nano-based polymeric films containing drugs and their derivatives, and films for personal care.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2024)



Pharmaceutics

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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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