

## Special Issue

# Synthetic Polymers in Drug Delivery Systems

### Message from the Guest Editors

The use of synthetic polymers for obtaining systems capable of encapsulating, transporting, and delivering drugs in a sustained/controlled manner is a field of great interest, as evidenced by the fact that extensive research has been conducted in recent decades. Despite the diversity of modern synthetic polymers, only a limited number of them can be used for biomedical purposes since they must be biocompatible, non-cytotoxic, often biodegradable and bioresorbable. However, the modulation of their structure, molecular weight, functionality and physico-chemical properties can create a wide range of drug-carrying formulations, explaining the growing interest in synthetic polymers. This Special Issue aims to present the latest findings regarding biologically active principle systems of synthetic polymers in different formats, including tablets, hydrogels, biocomposites, micro- and nanoparticles, micro- and nanocapsules, nanofibers, micelles, polymersomes, inserts, implants, nanoemulsions, etc. Regular research articles and reviews will be accepted for publication in this Special Issue.

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### Deadline for manuscript submissions

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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