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Biopolymers for Drug Delivery Applications

Guest Editors:

Dr. Yogesh Baburao Sutar
College of Pharmacy, University of Arizona, Tucson, AZ, USA

Prof. Dr. Piotr Kurcok
Centre of Polymer and Carbon Materials, Polish Academy of Sciences, M. Curie-Sklodowskiej 34, 41-819 Zabrze, Poland

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Message from the Guest Editors

The growing interest in utilizing biopolymers for developing drug delivery systems stems from their notable and multifaceted advantages, setting them apart from conventional polymers. Biopolymers offer a plethora of benefits, including biodegradability, biocompatibility, renewability, affordability, and widespread availability, all of which are crucial for creating materials applicable in the biomedical realm.

The primary aim of this Special Issue, on “Biopolymers for Drug Delivery Applications”, is to compile recent discoveries and advancements in biopolymers for drug delivery purposes. It welcomes contributions in the form of original research or review articles, encompassing a wide spectrum of biopolymer research. Topics of interest include, but are not limited to, the chemical modifications of biopolymers; their synthesis, characterization, and application; preparations of targeted biopolymer-based drug delivery; the delivery of biomaterials; and novel drug delivery strategies aimed at enhancing the adaptability and safety of biopolymers.

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Editor-in-Chief

Prof. Dr. Pankaj Vadgama
School of Engineering and Materials Science, Queen Mary University of London, London, UK

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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Journal of Functional Biomaterials
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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