Special Issue

Natural Biomaterials for Biomedical Applications

Message from the Guest Editors

This Special Issue will cover the most recent research on innovations concerning several bioactive natural products (such as polyphenolic compounds, such as phenolic acids, flavonoids, tannins, alkaloids, terpenes, steroids, polysaccharides, waxes, proteins, peptides, vitamins, and dietary fiber and oligosaccharides, among others) and their applications in the field of biomedicine. We invite researchers and academics to submit papers that focus on a wide range of issues and concerns regarding the use of bioactive natural products obtained from diverse sources in biomedical applications, including, but not limited to, the following:

- The use of natural compounds as antioxidant, antimicrobial, and anti-inflammatory agents for biomedicine applications;
- The application of biopolymers from natural sources for therapeutic uses;
- The design or use of biological drug carriers, innovative techniques of all pharmaceutical dosage forms, controlled release, bioavailability/bioaccesibility, and drug absorption;
- Biomaterials derived from natural sources;
- Coating materials and technologies used to encapsulate natural compounds.
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Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama
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