Special Issue

Chitosan Microparticles: Development, Characterization and Biomedical Applications

Message from the Guest Editors

Chitosan is an attractive biopolymer, has excellent biochemical properties, and is cheap and eco-friendly. It has been widely used in the cosmetic, biotechnology, and biomedical industries, among other applications. This polymer has been very used in microencapsulation technology. This technology has been widely used in delivery systems to improve, protect and increase the molecule's stability, and improve dispersion properties. Additionally, it is employed for quality and safety in , biomedical and environmental sectors There are several microencapsulation methods, and different materials can be used, and chitosan is one of the most used only or combined with other materials. This Special Issue aims to cover recent research on chitosan microparticles: development, characterization, and applications in several areas. Different methodologies and applications can be endorsed, as well as new characterization methods. Types of contributions can be original research papers, short communications and reviews.

Guest Editors

Dr. Patríci Batista

Dr. Manuela Pintado

Dr. Clara Piccirillo

Deadline for manuscript submissions

closed (30 November 2024)

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Journal of Functional Biomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfb@mdpi.com

mdpi.com/journal/jfb

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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
School of Engineering and Materials Science, Queen Mary University of London, London, UK

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