Special Issue

Responsive and Targeted Biomaterials for Applications in Drug Delivery and Regenerative Medicine

Message from the Guest Editors

The advancement of biomaterials has revolutionized the fields of drug delivery and regenerative medicine. The development of responsive and targeted biomaterials presents new opportunities to enhance therapeutic efficacy and tissue regeneration. These materials can respond to specific biological signals or environmental triggers, ensuring precise delivery of therapeutics and promoting efficient tissue repair. This Special Issue aims to highlight the latest research and reviews on the design, development, and application of responsive and targeted biomaterials in drug delivery and regenerative medicine. We welcome submissions that explore innovative materials and technologies to address current challenges and improve clinical outcomes. We look forward to receiving your valuable contributions to this Special Issue, which will provide a comprehensive overview of the current trends and future directions in responsive and targeted biomaterials.

Guest Editors

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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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