

Special Issue

Advanced Biomaterials in Cancer Therapeutics and Diagnosis

Message from the Guest Editors

The integration of advanced biomaterials into cancer research is opening new pathways for precise diagnosis and more effective treatment options. This Special Issue will highlight innovative approaches that utilize smart biomaterials for selective drug delivery, real-time imaging, and modulation of the tumor microenvironment. We will focus on stimuli-responsive strategies for the diagnosis and treatment of cancer, including drug delivery systems, tumor-targeting mechanisms, and materials designed to respond to the unique characteristics of cancerous tissues. By showcasing interdisciplinary advancements, this Special Issue aims to contribute to the growing body of literature at the intersection of material science, cancer biology, and personalized medicine.

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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

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