

Special Issue

Functional Materials for Drug Delivery and Cancer Therapy

Message from the Guest Editors

We are pleased to announce a Special Issue on “Functional Materials for Drug Delivery and Cancer Therapy” in the *Journal of Functional Biomaterials*. This issue aims to explore the latest advancements in functional materials that enhance drug delivery systems and improve therapeutic outcomes in cancer treatment. We invite researchers to submit original research articles, reviews, and perspectives that address innovative biomaterials, polymer systems, and nanotechnology applications in drug delivery and cancer therapy. Contributions that highlight the integration of computational methods and machine learning in the design and optimization of these materials are particularly encouraged. Additionally, we encourage submissions that explore the application of computational methods in the design and optimization of drug delivery systems, as well as studies that investigate the intersection of neuropsychiatry and cancer therapy. Contributions focusing on systems neuroscience, behavioral neuroscience, and circuit mapping techniques that elucidate the neural mechanisms underlying therapeutic responses are also highly welcomed.

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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