

Special Issue

Advanced Photoresponsive Materials for Anticancer

Message from the Guest Editor

Light, as an emerging external stimulus for photoresponsive materials, features ultrahigh spatiotemporal precision. Tailoring advanced photoresponsive materials has a significant impact on a wealth of domains, such as biocatalysis, optical sensors, light-harvesting systems, molecular imaging, and phototherapeutics. In particular, high-performance photoresponsive biomaterials offer promising opportunities for effective cancer precision therapy in an unprecedented manner. This Special Issue aims to direct the development of more advanced photoresponsive biomaterials for cancer theranostics and related applications. Both research and review articles focusing on advanced biomedical photonics are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2024)



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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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