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## Nanoprobes and Biomaterials for Molecular Imaging and Disease Theranostics

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### Message from the Guest Editors

The aim of the journal is to provide an international, interdisciplinary forum for the publication of peer-reviewed original papers and authoritative reviews. The scope of the Special Issue covers a wide range of topics, including the application of nanomedicine and nanotechnology in drug delivery, theranostics, gene therapy, and immunotherapy, and for cancer, autoimmune disease, infectious disease, and cardiovascular disease therapy, as well as for vaccines and precision medicine. Other topics of interest include the nanoprobe and its biological imaging in the early diagnosis of major diseases, such as magnetic resonance imaging (MRI), CT imaging, optical imaging, photoacoustic imaging, and PET imaging; biomaterials, including nanomaterials, hydrogels, 2D materials, biopolymers, composites, biohybrids, biomimetics, as well as inorganic materials for biomedical applications; and the interaction and mechanism of nanomaterials and biological organisms.



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# Special Issue



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## Editor-in-Chief

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School of Engineering and  
Materials Science, Queen Mary  
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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.

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