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Functional Composite Biomaterials for Tissue Repair

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Message from the Guest Editors

Due to the complexity and versatility of biological components, composite biomaterials have become an important research direction in the field of tissue repair. Composite materials can combine the advantages of multiple materials, meet the needs of mechanical properties, biocompatibility, tissue inducibility, biodegradability, and the antibacterial properties of materials in tissue repair processes, promote better and faster tissue repair, and play an important role in tissue repair.

This Special Issue aims to highlight recent progress in several widely studied application areas of functional composite biomaterials, promoting the development of composite biomaterials with comprehensive properties for biomedical applications. In this context, a wide range of topics will be discussed, including a new preparation process, new composite strategies, new composite mechanisms, multifunctional coupling strategies, new drug delivery strategies, biological effect evaluation, and biomedical applications. We hope that these topics will inspire new research and discoveries in the field of functional composite biomaterials for biomedical applications.

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Editor-in-Chief

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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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