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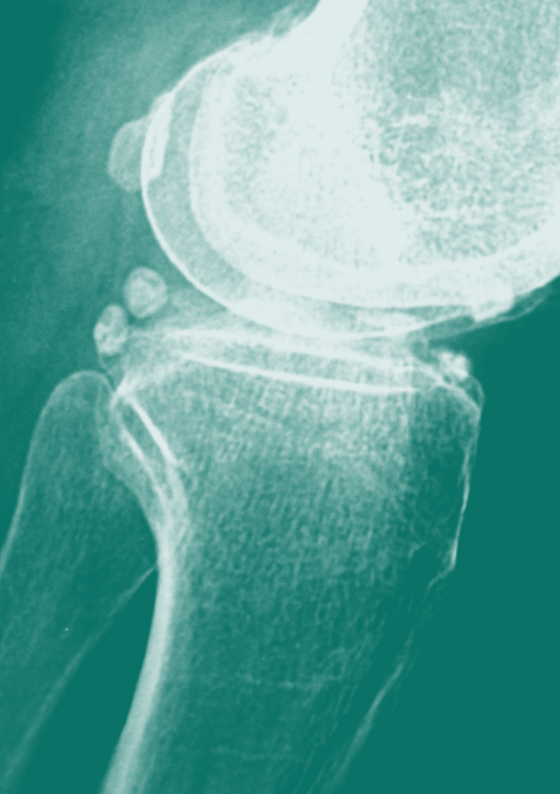
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# Journal of Functional Biomaterials



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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.

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## **Editor-in-Chief**

Prof. Dr. Pankaj Vadgama

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## **Aims**

The *Journal of Functional Biomaterials (JFB)*, ISSN 2079-4983 is an international and interdisciplinary scientific journal that publishes regular research papers (articles), reviews, and communications about applications of materials for biomedical use. This specific research field is 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 *JFB* is to focus the attention on physicochemical characteristics and their importance in the interactions between biomaterials and living tissues as well as studies on the preparation, performance, and use of biomaterials in biomedical devices in physiological environments. Our aim is to encourage scientists to publish their results in as much detail as possible.

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## Scope

The scope of the *Journal of Functional Biomaterials* includes but is not limited to:

- Biomedical and Pharmaceutical Technology—the design of small and biological drug carriers, innovative technics of all pharmaceutical dosage forms, controlled release, bioavailability, and drug absorption
- Tissue Engineering and Regenerative Medicine—biomaterial sciences, methods/technologies to engineer scaffolds from biomaterials, and scaffold-based tissue regeneration and visualization. For example, for bone, dental, and muscle tissue engineering; skin regeneration and wound healing; and so on
- Nanomedicine and Nanotechnology—an emerging topic in theranostics, precision medicine gene therapy, and immunotherapy, and for therapy of infectious diseases, cancer, metabolic diseases, and cardiovascular diseases
- Sensors for Health—advancements in diagnostic and electronic devices including sensors, DNA chips, electronic noses, and lab-on-a-chip

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