

## Special Issue

# The 15th Anniversary of *JFB*— Innovative Biomaterials for Tissue Engineering: Regeneration of Soft and Hard Tissues

### Message from the Guest Editors

The year 2025 marks the 15th anniversary of the Journal of Functional Biomaterials, to celebrate this significant milestone, we are publishing a Special Issue entitled “The 15th Anniversary of JFB—Innovative Biomaterials for Tissue Engineering: Regeneration of Soft and Hard Tissues”.

Tissue engineering (TE) aims to regenerate human tissues and organs (e.g., bone, cartilage, skin, and liver) and create a balance between structure and function. Due to its cross-domain nature, TE gathers scientists, engineers, and physicians into multidisciplinary teams that employ a variety of methods to construct biological substitutes. Most human native tissues comprise complex three-dimensional (3D) structures, presenting different shapes, architectures, and extracellular matrix compositions. Researchers worldwide have endeavored to develop constructs that can mimic the complexity of native tissues; however, the development of 3D complex organ structures is far from being realized. Therefore, we welcome original articles and reviews that present recent advances in biomaterials and TE strategies for developing biologically functional products with structural organization.

### Guest Editors

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### Deadline for manuscript submissions

28 February 2026



## Journal of Functional Biomaterials

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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.

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### Editor-in-Chief

Prof. Dr. Pankaj Vadgama

School of Engineering and Materials Science, Queen Mary University of London, London, UK

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