# Special Issue

# Scaffold for Tissue Engineering

## Message from the Guest Editors

Scaffolds for tissue engineering represent an interdisciplinary field at the intersection of materials science, biology, and engineering, aimed at creating supportive structures for tissue growth and regeneration. Tailored designs and biomaterial selection yield biocompatible scaffolds, often shaped using advanced methods like 3D printing and electrospinning. These scaffolds host seeded cells, sometimes cultured in bioreactors to foster tissue formation. This interdisciplinary approach drives advances in regenerative medicine, disease modeling, and innovative food production. Recognizing the pivotal role of scaffolds in tissue engineering, this Special Issue aims to showcase recent advancements in this field. It seeks innovative strategies in scaffold-based construct design, addressing processing advantages and limitations of functional biomaterials. Contributions in various formats, including full research articles, clinical studies, or review articles, are encouraged and welcomed.

## Guest Editors

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## Deadline for manuscript submissions

closed (20 March 2026)

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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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