Special Issue

Recent Advances in 3D Printing of Biomaterials

Message from the Guest Editors

The Special Issue focuses on the latest advancements and trends in bioprinting, a field at the intersection of biology, materials science, and engineering. Its purpose is to showcase innovative research and developments in bioprinting technologies, materials, and applications, particularly elucidating how these advancements contribute to medical science and tissue engineering. This Special Issue will be situated within the existing literature by drawing on the latest research findings and discussing the current challenges and future directions in bioprinting. It aims to provide a comprehensive overview of the state of the art, facilitating a deeper understanding of bioprinting's potential and limitations, and fostering discussions that could lead to novel research avenues, collaborations, and applications.

Guest Editors

Dr. Srikanthan Ramesh

School of Industrial Engineering and Management, Oklahoma State University, Stillwater, OK 74078, USA

Dr. Nileshkumar Dubey

Department of Comprehensive Dentistry, University of Maryland School of Dentistry, 650 W. Baltimore Street, Baltimore, MD 21201, USA

Deadline for manuscript submissions

closed (31 May 2025)

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/si/202258

Journal of Functional Biomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfb@mdpi.com

mdpi.com/journal/jfb

Journal of Functional Biomaterials

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 6.8
Indexed in PubMed

mdpi.com/journal/jfb

MDPI

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Biomedical) / CiteScore - Q2 (Biomedical Engineering)