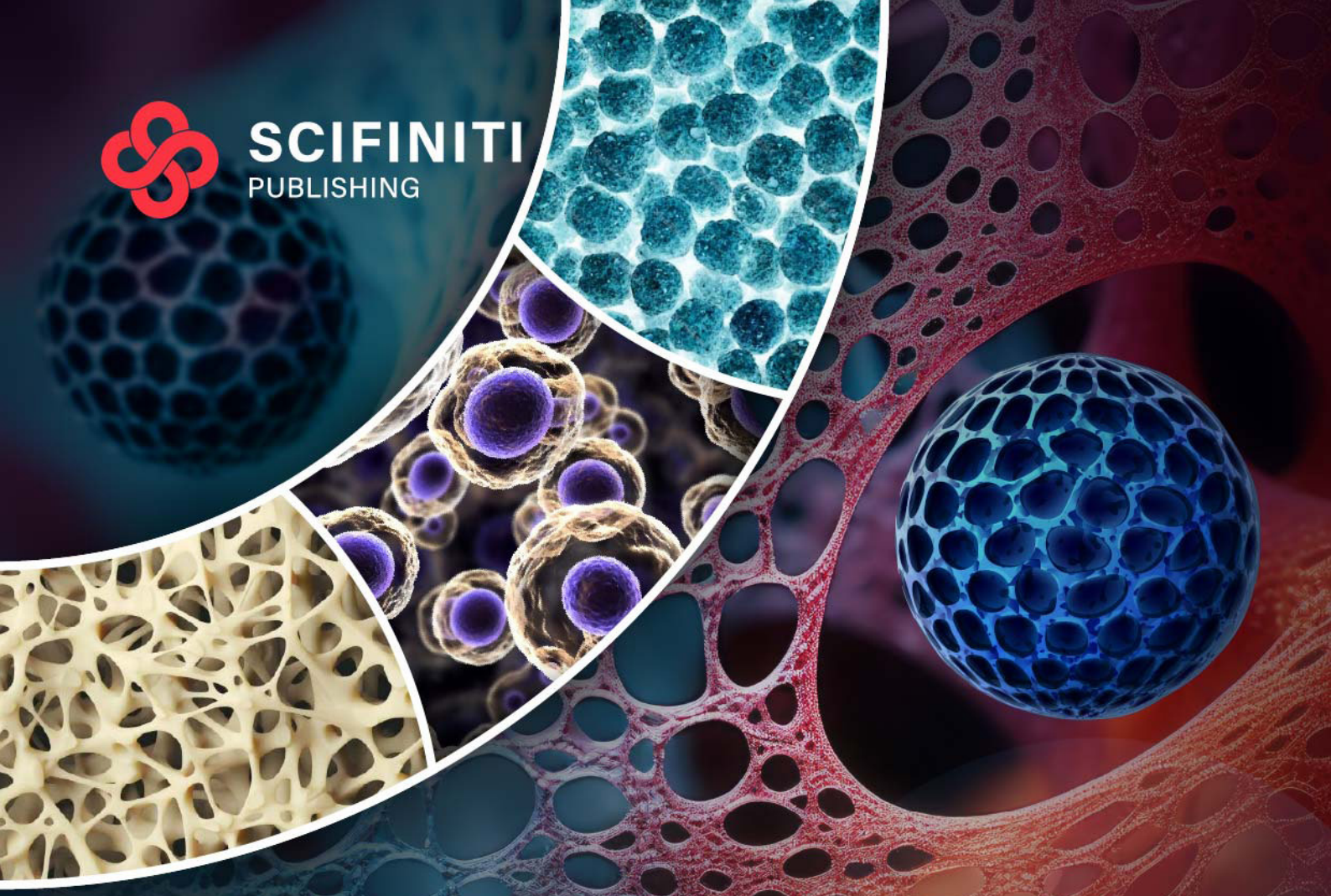


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Biomaterials Connect

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Open Access Peer-Reviewed Journal Specialized in
Biomaterials Sciences

Editor-in-Chief
Muhanad M. Hatamleh, PhD

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Biomaterials Connect

A Journal Specialized in Biomaterials Sciences

Volume: 3, 2026

Subject Categories

Biomaterials Science | **Tissue Engineering** | **Medical Devices**

Target Audience

This journal is designed for researchers, scientists, engineers, and healthcare professionals dedicated to driving forward the field of biomaterials science.



Muhanad M. Hatamleh

Editor-in-Chief

Jordan University of Science and Technology, Irbid, Jordan

Message from EiC

The publication of the third volume of Biomaterials Connect represents an important achievement in the ongoing progress of the journal. Since its establishment, the journal has steadily grown as a platform for disseminating innovative research across the broad and rapidly evolving field of biomaterials science. Across the first two volumes, we have observed a clear expansion in both the scope and depth of published work. The scope of scientific discoveries made has gradually shifted from the basics of biomaterials design and characterization to a more complex and diverse set of areas of interest including regenerative medicine, functional and smart biomaterials, biofabrication methods, drug delivery techniques, and computational tools in biomaterials science.

The quality and the variety of articles submitted have allowed us to establish the scientific identity of the journal and to highlight it as a platform for new ideas in the field.

We are grateful to our authors, reviewers, and editorial board members for their valuable contributions and continued trust in the journal. Their efforts are central to shaping its growth and direction.

Aims and Scope

Biomaterials Connect serves as a comprehensive platform for researchers, scientists, engineers, and professionals interested in the interdisciplinary field of biomaterials science. Our goal is to facilitate collaboration, knowledge sharing, and innovation in biomaterials research and applications, encompassing both medical and dental contexts. We welcome original research articles, reviews, perspectives, and commentaries covering a broad spectrum of topics related to biomaterials science.

Key Topics

Biomaterials in Tissue Engineering
Design, fabrication, and evaluation of biomaterial scaffolds, matrices, and substrates for tissue regeneration in both medical and dental fields.

Biomaterials in Medical Devices, Dental Implants, and Prosthetics
Biomaterials in the design and fabrication of medical devices, dental implants, prosthetics, and surgical tools for diagnostics, monitoring, and treatment of various diseases and disorders in both medical and dental settings.

Biocompatibility and Biofunctionality of Biomaterials
Investigation of biocompatibility, biodegradability, immunogenicity, and bioactivity of biomaterials, including dental materials, as well as their interactions with cells, tissues, and the immune system.

Biomaterials in Nanotechnology and Nanomedicine
Utilization of nanotechnology and nanomaterials for the development of advanced biomaterials with enhanced properties and functionalities for biomedical and dental applications.

3D printed Biomaterials
Refer to design, development and testing of biomaterials that are used in additive manufacturing processes to create three-dimensional structures or objects for biomedical and dental applications.

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