

International Journal of Bioprinting

Online ISSN: 2424-8002

Print ISSN: 2424-7723

Revolutionizing Bioprinting: Next-generation Strategies and Solutions

IF:8.4



AIMS & SCOPE

This issue highlights cutting-edge bioprinting techniques that are enhancing tissue engineering and regenerative medicine. It delves into groundbreaking methods that enable precise control over biomaterial deposition and cellular organization, pushing the boundaries of bioprinting technology. From innovative bioink formulations to multi-material printing approaches, researchers are unlocking new possibilities in constructing functional tissue constructs. Showcasing bioprinting advancements integrated with promising techniques including machine learning aims to enhance the precision and efficiency of bioprinting processes. Through fostering interdisciplinary dialogue, this issue accelerates the translation of bioprinting technologies from lab to clinic, reshaping healthcare and biotechnology. It provides a comprehensive overview of bioink development and advanced printing methods to revolutionize bioprinting.

CALL FOR PAPERS 2024

Submission Deadline:
March 01, 2025

KEYWORDS

- ▶ Novel bioprinting techniques
- ▶ Innovative bioinks
- ▶ Integrated bioprinting

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