



Latest Research of Additive Manufacturing Techniques in Tissue Engineering

Guest Editors:

Dr. Elena Bianchi

Department of Chemistry,
Materials, and Chemical
Engineering “G. Natta”,
Politecnico di Milano, Piazza
Leonardo da Vinci 32, I-20133
Milan, Italy

Dr. Marta Tunesi

Department of Chemistry,
Materials, and Chemical
Engineering “G. Natta”,
Politecnico di Milano, Piazza
Leonardo da Vinci 32, I-20133
Milan, Italy

Deadline for manuscript
submissions:

31 July 2024

Message from the Guest Editors

Dear Colleagues,

Additive manufacturing techniques have attracted considerable attention in several commercial and research applications, due to their potential to fabricate complex structures with high reproducibility and control over the fabrication process and the final microstructure. In the field of tissue engineering, these properties are pivotal to produce scaffolds, cell constructs, 3D models, and devices meeting the physiological requirements and specifically designed for personalized medicine.

Topics include, but are not limited to:

- methodologies and approaches for the design and fabrication of one-, two- and three-dimensional constructs from millimeter to submicron-size fibers for tissue engineering applications;
- characterization of tissue engineering products for both hard and soft tissue applications;
- exploitation of 3D printing strategies for device prototyping for personalized medicine;
- fabrication of tools, enabling solutions to tissue engineering issues;
- simulation and modeling of the fabrication process.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)