



## 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:

**closed (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

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

## 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:** CiteScore - Q2 (Chemical Engineering (miscellaneous))

## Contact Us

---

Processes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)