



## Advances in Regenerative Medicine and Tissue Engineering

Guest Editors:

**Dr. Tullio Genova**

Department of Life Sciences and  
Systems Biology, University of  
Torino, 10123 Turin, Italy

**Dr. Federico Mussano**

CIR Dental School, Department  
of Surgical Sciences, University of  
Turin, Turin, Italy

Deadline for manuscript  
submissions:

**closed (30 June 2021)**

### Message from the Guest Editors

Tissues and organs of the body have both structure and function, therefore in tissue engineering any proposed approach must be able to mimic the morphology and characteristics of the original tissue or be able to stimulate the regeneration of the original tissue. In regenerative medicine, it is important to consider many aspects such as the material used, the structure of the scaffold, the growth factors, and the cell populations, in particular stem cells.

This Special Issue on bone and tissue regeneration aims to highlight the new approach of treatment based on the comprehension of the physiology and the interplay between different cell types. Topics include but are not limited to the following:

- Use of MSCs in regenerative medicine;
- Control of angiogenesis in tissue regeneration;
- New approaches of MSC isolation from different sources;
- Bioactive bone substitution.





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)