

Special Issue

Biomaterials for Tissue Regeneration

Message from the Guest Editors

This Special Issue entitled “Biomaterials for Tissue Regeneration” will focus on original research papers and comprehensive reviews covering the development of innovative biomaterials to address clinically relevant challenges. Original research papers on the dynamic interplay between biomaterials and cells highlighting their essential role in the regeneration of tissues or organs are highly encouraged. Articles discussing further advancing tissue-engineered products towards clinical practice will be also addressed. Topics of interest for this Special Issue include, but are not limited to, the following:

- Instructive biomaterials;
- Smart biomaterials for tissue engineering;
- Nanostructured biomaterials for enhanced tissue engineering;
- 3D (bio)printing of biomaterials for drug/therapeutics delivery and tissue engineering;
- Immunomodulation in tissue regeneration using biomaterials.

Additional research areas focusing on the development of novel biomaterials for tissue regeneration will also be considered relevant.

Guest Editors

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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