

Special Issue

Biomaterials for Bone Tissue Engineering

Message from the Guest Editor

This Special Issue on “Biomaterials for Bone Tissue Engineering” will focus on original research papers related to engineered biomaterials for the musculoskeletal system, including bone, cartilage, and surrounding tissues (tendons, ligaments). Topics include but are not limited to the following: Biomaterials as:

- Bone replacements models
- Cartilage defect models
- Tendon repair models
- Periodontal ligament defect models
- Bone-cartilage models
- Bone-ligament models
- Osteoporosis models
- Dentin regeneration models
- Tooth extraction models
- Skeletal muscle defect models
- Joint or knee models

The aim of this Special Issue is to provide a peer-reviewed forum for the publication of Biomaterials for Bone Tissue Engineering research and its translational application. This Special Issue is open to any contribution which addresses the theme of scaffolds, drug delivery systems, and growth factor delivery systems for repairing, restoring, and regenerating tissues such as bones, cartilages, tendons, and ligaments.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2020)



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About the Journal

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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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).