

Special Issue

Albumin for Bone Tissue Regeneration

Message from the Guest Editors

For this Special Issue, contributions that investigate albumin's therapeutic potential, mechanism of action, and novel techniques for bone tissue engineering are welcome for submission. We invite researchers from multiple disciplines to present their novel insights and breakthroughs in the following areas of interest:

- Bioinspired albumin-based scaffolds: Design, fabrication, and characterization of bioactive scaffolds incorporating albumin for bone tissue regeneration.
- Albumin-based drug delivery systems: Innovative strategies utilizing albumin as a carrier for targeted delivery of therapeutic agents to promote bone regeneration.
- Albumin-based growth factors: Investigation of the modulation of albumin in the release and delivery of growth factors to enhance bone tissue regeneration.
- Albumin-induced osteogenic differentiation: Insights into the biological mechanisms and signaling pathways stimulated by albumin, leading to enhanced bone regeneration.
- Albumin-based composite materials: Development and evaluation of hybrid materials combining albumin with other biomaterials to improve bone tissue regeneration.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2024)



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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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