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## Biomechanical Evaluation of Bone Tissue Engineering

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Deadline for manuscript  
submissions:

**31 January 2025**

### Message from the Guest Editors

Achieving success in bone tissue engineering demands a delicate equilibrium among mechanical strength, biocompatibility, biodegradability, and bio-inductivity. Consequently, the meticulous selection of appropriate biomaterials and the optimization of engineered matrix properties emerge as pivotal facets within this domain. These new biomaterials may effectively promote bone regeneration and thus have a significant impact on individual patients and healthcare systems. This Special Issue aims to collect contributions from researchers and in the form of comprehensive reviews and research articles on recent advancements in the application and use of various biomaterials in bone tissue engineering.

Topics will include, but not be limited to. scaffold design and fabrication; biomaterials for 3D printing, biocompatibility, and biodegradability; host response to implants; cell-scaffold interactions; and scaffold-based drug delivery. Both original research articles and reviews are welcome. All papers will be published in an open-access format following a peer-review process.



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# Special Issue



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