

## Special Issue

# Biomaterials for Bone Tissue Engineering

### Message from the Guest Editor

Applied Sciences invites submissions to this Special Issue on the broad field of Biomaterials for Bone Tissue Engineering.

Bone tissue engineering field aims at the development of artificial bone substitutes that restore (partially or totally) the natural regeneration capability of bone tissue lost under circumstances of injury; significant defects; or diseases, such as osteoporosis. In this context, biomaterials are the keystone of the methodology.

In this Special Issue, we encourage submissions of cutting-edge original research works in this field. We expect to receive contributions from different areas of multidisciplinary research, including – but not restricted to—the synthesis, fabrication, characterization, and experimentation of biomaterials in bone tissue engineering applications. Modeling and simulation of biomaterials research papers are also expected in order to emphasize the importance of this tool in the design stage, as well as virtual testing of complex phenomena that takes place in these applications. Comprehensive review and survey papers are also welcome in this Special Issue.

Prof. Dr. José A. Sanz-Herrera

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### Guest Editor

Prof. Dr. José Antonio Sanz  
School of Engineering, University of Seville, 41004 Sevilla, Spain

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### Deadline for manuscript submissions

closed (31 August 2019)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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