

Special Issue

Nanotechnology in Tissue Engineering

Message from the Guest Editors

This Special Issue highlights the current state and future prospects of nanomaterials applied in the tissue engineering (TE) field. TE represents the most promising technology for regenerating damaged tissues and organs, integrating principles and methods of engineering, material science, and medical biology. This topic includes articles and reviews focused on the fabrication, characterization, and application of bio-nanomaterials based on organic and inorganic nanostructures and different natural or synthetic biopolymers. Research articles on biomaterial surface technology, cell–biomaterial interaction, and nanobiomaterial properties will also be included in this Issue. In this Special Issue we welcome both original research papers and review articles on diverse topics such as:

- tissue engineering
- regeneration
- nanomaterials
- cell–material interactions
- cell differentiation
- bacteria–material interactions

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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