

Special Issue

Nanomaterials for Tissue Engineering Applications 3.0

Message from the Guest Editor

As nanotechnology applications in medicine have attracted worldwide interest, nanotechnological approaches to tissue engineering could also lead to many innovative solutions for repairing tissue damage. Employing three-dimensional scaffolds in tissue engineering is a key element among recent advancements in tissue engineering and biomaterial research. As scaffold materials, nanomaterials have gained popularity due to their many advantages over conventional techniques for tissue repair. Nanomaterials have shown superior performance over conventional materials for tissue engineering applications. The ability of nanomaterials to mimic the native extracellular matrix and their ability to aid in cellular activity make these materials suitable candidates for scaffold fabrication. This Special Issue will therefore focus on various tissue engineering approaches for the regeneration of different tissues/organs, with an emphasis on nanomaterials used in different aspects of tissue engineering and their role in tissue regeneration.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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