

Special Issue

Bio-Engineering and Nano-Medicine 2.0

Message from the Guest Editor

The present Special Issue focuses on the “Translation of Cells, Nanomaterials and Signaling Molecules into Regenerative Medicine”, highlighting the current state and future prospects of the new generation of multifunctional bio-nanomaterials, based on organic and inorganic nanostructures and different natural or synthetic biopolymers/ceramics, for tissue engineering and regeneration applications. This Special Issue is focused on nanomaterial synthesis, development, and characterization, with specific attention paid to the correlation between material properties and stem cell interactions. In particular, contributions focused on polymeric/ceramic nanocomposites, nanotopography, and nanoparticles will be considered, which promise an exciting future at the interface of chemistry, biology, and material science.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2023)



International Journal of Molecular Sciences

an Open Access Journal
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Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

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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