



Bio-Engineering and Nano-Medicine 2.0

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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.





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Message from the Editor-in-Chief

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