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Synthesis and Characterization of Nano-Biomaterials and Their Applications

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Message from the Guest Editor

Owing to their unique physico-chemical properties, as well as their remarkable biological activities, the outstanding potential of nanobiomaterials has attracted great scientific interest within the biomedical field. As their applications are increasingly growing, ranging from nanodiagnostics and nanosensing to nanodrug delivery and theranostics, the field is undergoing continuous development.

Consequently, novel synthesis methods are being designed to overcome current limitations or enhance and improve specific characteristics. Thereby, characterization techniques are constantly updated to fit the most recent needs in visualizing and determining nanobiomaterials properties in terms of structure, morphology, and functionality.

Therefore, this Special Issue aims to gather manuscripts focused on novel techniques for the synthesis of nanobiomaterials with improved biocompatibility and physicochemistry and any recent progress made within techniques for the advanced characterization of nanobiomaterials.









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Message from the Editor-in-Chief

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