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Advances in Biomedical Applications of Carbon Nanoparticles

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Message from the Guest Editor

Dear Colleagues,

Biomaterials have become a relevant element in biomedicine, along with their numerous applications in preclinical and clinical environments. The high ratio of the surface atoms of nanosystems allows them to modify their physicochemical properties, emerging as promising tools in important research fields. Among them, carbon nanotubes (CNTs) hold great potential for improving the management of numerous pathologies and the solving of specific problems that has not been achievable using classical approaches. CNTs have the attractive ability of penetrating cell membranes, and their potential functionalization with almost any biomolecule or compound allows them to target cells and deliver drugs under the appropriate environmental stimuli. This characteristic makes CNTs ideal platforms, with diagnostic, therapeutic, and theranostic possibilities not accessible for other nanoparticles.

It is my pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are all welcome.



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Special Issue



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Message from the Editorial Board

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