

Special Issue

Biomedical Applications of Nanoscintillators

Message from the Guest Editors

Dear colleagues, Nanoscintillators are emerging nanomaterials that have rapidly gained a growing amount of interest for theranostic biomedical applications. Although scintillating materials were initially developed for the detection of ionizing radiations, nanoscintillators are currently investigated for their ability to potentiate radiation therapy via the physical radiation dose-enhancement effect, radioluminescence-induced photodynamic therapy, and the direct generation of DNA damage through the emission of UV-C radioluminescence. In this Special Issue, we welcome submissions of high-quality research and review articles presenting investigations of biomedical applications of nanoscintillators and related content. We welcome all type of report, including in silico, in vitro and in vivo studies.

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