



Advances in Nanostructured Materials between Pharmaceuticals and Biomedicine

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Message from the Guest Editors

Dear Colleagues,

Nanostructured materials are materials containing an internal or surface structure in the nanometer length scale on which their properties depend. Organic, inorganic, and hybrid nanostructures find broad application across several areas of pharmaceuticals and biomedicine. In particular, medicinal chemistry, drug delivery, and tissue engineering have benefited from the progress in such technologies. Considerable advances have characterized the recent application of nanostructured materials in medicine, from diagnostic biosensors to scaffolds for tissue engineering, without forgetting the high relevance in catalysis and biocatalysis applied to biology and chemical synthesis.

This Special Issue aims at the most recent advances in nanostructured material across chemistry and biology, including manufacturing and potential toxicity issues. Particular importance will be given to applications in medicinal chemistry and flow chemistry, targeted and local drug nanocarriers, nanostructured matrices for controlled release, biosensors, and functional nanomaterials and their biological relevance.

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Message from the Editor-in-Chief

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