



## Bio-Nano Interactions

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Deadline for manuscript  
submissions:

**closed (31 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

I would like to invite you to submit a high-quality research paper for the Special Issue titled “Bio-Nano Interactions” of the International Journal of Molecular Sciences. The story of materials from living (biotic) organisms is intensely intertwined with the one of inanimate (abiotic) materials, which might have played a crucial role in the chemical evolution in the prebiotic era and, therefore, in the origin of life. Nanoparticles and proteins are entities of the same size range and the understanding and the prediction of the interactions between proteins and nanoparticles represents the Holy Grail in nanoscience. Indeed, the crucial challenge is to endow nanoparticles of protein-like specificity with the ability to enable the abiotic material to specifically interact with all components of biological systems such as peptides, proteins, lipids, DNA, receptors, cells and whole organisms, including humans or animals.

The Special Issue “Bio-Nano Interactions” encourages the publication of papers which expand the existing perspectives on smart synthetic nanomaterials and on their interplay with biological interfaces.

Dr. Massimiliano Magro





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## Message from the Editor-in-Chief

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