



Metal and Metal Oxide Nanoparticles: Design, Characterization, and Biomedical Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Metal and metal oxides nanoparticles stand as an emerging nanotechnological solution for a wide range of biological and medical physio/pathological open questions. This Special Issue covers the fundamental science, design, characterization, and biomedical applications of metal and metal oxide nanomaterials. The articles here presented will embrace all the aspects determining the performance of these systems, ranging from their synthesis, design, chemical, physical, and biological functionalization, to their characterization and successful applications. Therefore, this Special Issue welcomes contributions from all scientists producing and/or applying metal and metal oxides nanoparticles in a diagnostic, therapeutic or theranostics contest.

The Special Issue will cover but not be limited to the following topics:

- Methods and strategies for metal and metal oxide nanoparticles' synthesis;
- Engineering metallic nanoparticles;
- Metallic nanoparticles' diagnostic applications;
- Metallic nanoparticles' therapeutic applications;
- Metallic nanoparticles' theranostics applications.





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Message from the Editor-in-Chief

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