



Magnetic Nanomaterials for Potential Biological Applications

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Message from the Guest Editor

Dear Colleagues,

Nanomaterials have an enormous impact on modern science, technology, and everyday life. Biology and medicine are among the most important areas for potential applications of nanomaterials. Magnetic nanomaterials represent one of the most significant classes of materials in nanotechnology, with a range of potential biological and biomedical applications, including their use as contrast media for magnetic resonance imaging (MRI), as well as agents for magnetic hyperthermia therapy and magnetically targeted drug delivery systems.

This issue is a renewal of the previous Special Issue "Biological Applications of Magnetic Nanoparticles" and it will be focused on the preparation, biological behavior studies, and potential biological applications of magnetic nanomaterials.

Keywords

- Magnetic nanoparticles
- Drug delivery
- Sensing
- Nanomedicine
- MRI
- Magnetic hyperthermia





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Message from the Editor-in-Chief

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