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The Eco-Friendly Synthesis, Characterization, and Biological Application of Nanoparticles

Guest Editor:

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Deadline for manuscript submissions:

closed (10 July 2023)

Message from the Guest Editor

Dear Colleagues,

Nanomaterials have a variety of remarkable physical and chemical characteristics because of their extraordinary nano-size and high surface-to-volume ratio, nanoparticles are of significant interest. Nanoparticles have many different uses and highly promising applications in a variety of industries, including health care, food, agriculture, and the environment. Nanomaterials are commonly synthesized via chemical and physical processes that typically include the use of hazardous chemicals and high-energy and are also expensive. In an effort to reduce the environmental impact of these synthetic processes, there has been a significant increase in scientific interest in the eco-friendly synthesis of nanomaterials in recent years, where biological resources such as plants, animals, and microbes are used as efficient reducing and stabilizing agents for nanoparticle synthesis.

We invite all researchers to submit their findings related to metal- and metal-oxide-based nanomaterials for biological applications.

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Message from the Editor-in-Chief

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