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Green Synthetic Nanomaterials: Preparation, Mechanism, and Application

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editor

In this Special Issue, we invite investigators to contribute short communications, full research articles, and timely reviews that are related to the green preparation of nanomaterials, characterizations and applications of medicine, and food and environment. Potential topics include, but are not limited to the following:

Discovery of new types of nanostructures in green synthesis, including nanoparticles, nanofibers, and nanocrystals.

Characterization of molecular interactions among green prepared nanomaterials at the dimension of nanoscale.

Innovative techniques to fabricate nanoscale systems for medicine, environment, and food-related applications.

Green development of nanocomposite materials from the combination of biopolymer materials and inorganic nanomaterials (including metal nanoparticles, carbon nanotubes, and clay nanosheets).













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Message from the Editor-in-Chief

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