Special Issue

Sustainable Bio-Based Nanomaterials for Various Biological Applications

Message from the Guest Editors

Bio-based nanomaterial synthesis is both environmentally friendly and cost-effective, and it can be readily scaled up for large-scale manufacturing. As a result, in the field of biological sciences, the synthesis of bio-based nanomaterials has received much interest. Sustainable bio-based methods will not only protect us from chemical toxicity but also allow us to develop more biocompatible nanomaterials.

With this Special Issue, we aim to collect a series of high-quality research and review manuscripts covering promising, recent, and novel research trends in sustainable bio-based nanomaterials with great possibilities regarding biological applications such as in antimicrobials, antibiofilm, anti-quorum sensing, antiviral, anticancer, antiparasitic, mosquito control, food packaging, environmental remediation, etc.

In addition to above, we also welcome various research contributions related to other biological applications of bio-based nanomaterials.

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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