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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Deadline for manuscript submissions

closed (31 March 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/100512

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Message from the Editor-in-Chief

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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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