

Special Issue

Sustainable Nanomaterials for Biotechnological and Medical Applications

Message from the Guest Editors

Nanotechnology is transforming medicine, leading to innovations such as drug delivery, diagnostics and improved therapies for illnesses such as hyperthermia. Additionally, the application of nanomaterials in biotechnology is leading to improvements in this field. This Special Issue aims to gather cutting-edge research findings and comprehensive reviews on the current progress in the application of nanomaterials in the fields of biotechnology and medicine, with particular attention being paid to green methods of synthesis, the enhanced biocompatibility of nanomaterials and efficiency in practical applications. In this Special Issue, we invite submissions of original research and review papers that explore various themes, including, but not limited to:

- Green synthesis of nanomaterials;
- Biocompatibility and toxicity studies of sustainable nanomaterials;
- Nanomaterials in biotechnological applications;
- Applications of nanomaterials in drug delivery and hyperthermia systems;
- Nanomaterials for bio-imaging and diagnostic tools;
- Nanotechnology in tissue engineering and regenerative medicine;
- Advances in nanomaterial-based biosensors.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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