

Application of Carbon-Based Nanocomposites in Bioengineering and Biomedicine

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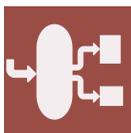
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Message from the Guest Editors

Nanocarbon materials, unlike inorganic materials, are compatible materials for environment and biology systems because carbon is one of the basic elements in biological systems. Carbon is of great interest to the scientific community due to the existence of several allotropes (i.e., fullerenes, carbon nanotubes, graphene, and carbon quantum dots). corrosion, high strength, stability, and exceptional electrical and thermal conduction. Because of these unique properties, carbon-based nanomaterials are used in a wide range of fields, including biotechnology and medicine. Some examples of recent applications of carbon-based nanomaterials in biomedicine include targeted drug delivery, cancer therapy, bio-sensing, cell and tissue imaging, and regenerative medicine.

This Special Issue on "Application of Carbon-based Nanocomposites in Bioengineering and Biomedicine" will gather high-quality works related to the biomedical applications, biotechnology processes, and environmental applications.





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Message from the Editor-in-Chief

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