



Functional Polymer Nanocomposites for Optoelectronics and Biomedical Applications

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Message from the Guest Editor

Dear Colleagues,

A polymer nanocomposite is a composite material comprising a polymer matrix and an inorganic dispersive phase that has at least one dimension that is nanometric in scale. They are an important category of materials with remarkable physicochemical properties but are inaccessible with individual components acting alone. The main challenging characteristic of polymer nanocomposites is the complex interfacial regions between the nanoparticles and polymer matrices.

These nanocomposites have recently attracted intensive research interest owing to their promising potential for a broad assortment of applications. This Special Issue will include the developing technologies for polymer nanocomposites and recent studies applying them in the field of optoelectronics and biomedicine.

Dr. István Csarnovics

Guest Editor





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