



Dendrimer-Based Nanomedicine

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Message from the Guest Editor

Dear Colleagues,

In the past decades, dendrimers have gained popularity in the field of nanomedicine. Dendrimers are polymeric molecules with a well-defined shape and size that can successfully be used in gene therapy, medical imaging, and immunology, which are used primarily as nanocarriers for the delivery of drugs or genes to target cells. Dendrimers are more efficient than liposomes, linear polymers, or viral vectors in transferring of many kinds of biomolecules. In this regard, the mechanisms of interaction between dendrimers and biological systems have now become of significant interest, with an abundance of articles now being reported in the literature.

For this Special Issue, we invite submissions of manuscripts focusing on the dendritic nanoparticles that could be applied in biomedicine as new nanotherapeutic agents, especially in the field of drug and gene delivery.

Prof. Maksim Ionov

Guest Editor





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Message from the Editor-in-Chief

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