

Special Issue

Novel Nanoparticles for Targeted Delivery of Therapeutic Nucleic Acids

Message from the Guest Editors

With the completion of the Human Genome project, there was great excitement about deciphering disease-causing genes. Since then, a number of them has been identified, but still, there are only few diseases which have seen some therapeutic outcomes. Over the years, many scientists have worked in genetic therapies, and only recently has some success been realised. However, there is lots of progress and new tools (including ex vivo and in vivo models), and there is increased hype that efficient and safe targeted molecular therapies will become successful for several disorders. Here, we are going to highlight the recent advances in Nanomedicine (novel liposomal, polymeric or nanoparticle formulations, etc.) with the hope that they will play a significant role in both improving the quality of life and curing patients. This Special Issue welcomes original research papers and review articles dealing with the targeted therapeutic delivery of nucleic acids with novel nonviral nanocarriers.

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