

Special Issue

Latest Advances in Nanomedicine Strategies for Different Diseases

Message from the Guest Editors

A nanomedicine platform not only provides new therapies but also improves the targetability of diseases. Several nanomedicines exist in the market, such as liposomes, lipid particles, dendrimers, polymeric nanoparticles, protein nanoparticles, etc. Nanocarriers help in delivering small molecules, proteins and peptides, and genes to the target site of action. Some COVID-19 vaccines also fall under the nanomedicine platform for delivering target-specific miRNA. Several research communities focus on therapeutic strategies using nanomedicine to manage cancer, diabetes, viral infections, HIV, HSV, and other rare diseases. The limitations of nanomedicine platforms such as the toxicity of some nanomedicines as well as the long-term complications need to be thoroughly investigated. Recent advances in this area of research have shown the potential application of nanodelivery systems in delivering a variety of biopharmaceuticals. In this Special Issue of IJMS, the focus will be on nanomedicine platforms for cancer, viral infections, diabetes, HIV, and other rare diseases with new treatment options.

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