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## Nanoparticulate Delivery Systems for Antiviral Drugs

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### Message from the Guest Editors

Antiviral drugs are extensively used to combat viral infections, mainly through targeting the common stages of the viral life cycle, including entry, biosynthesis, assembly, and release. However, the delivery of antiviral drugs, especially small molecules and antibodies, is largely confronted with some challenges, notably in stability, off-target accumulation and intracellular delivery requirements. Nanoparticulate delivery systems have been developed to overcome these limitations. Various nanostructures, including extracellular vesicles, liposomes, dendrimers, polymers, silicon or carbon materials, nanogels, and magnetic nanoparticles, have been applied as carriers in antiviral drug delivery. Compared with traditional treatments, these nanoscale carriers largely strengthen the long-term circulation, local penetration, microenvironment targeting, and controlled release of antiviral drugs. Furthermore, the size, shape, charge, and surface modification of nanoparticles determine the fate of antiviral drugs in body. This Special Issue of *Pharmaceuticals* aims to assemble the recent developments in the field of nanoparticulate delivery systems for antiviral drugs.



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# Special Issue



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