

Special Issue

Next-Generation Delivery Systems for Peptides, Proteins, and Nucleic Acids

Message from the Guest Editor

The rapid growth of biologics, such as peptides, proteins, and nucleic acids, has revolutionized modern therapeutics, offering highly specific and potent treatment options for a wide range of diseases. However, their clinical translation remains limited by challenges in stability, permeability and targeted delivery. This Special Issue, *Next-Generation Delivery Systems for Peptides, Proteins, and Nucleic Acids*, aims to highlight recent advances in innovative delivery technologies designed to overcome these barriers. It welcomes research and review articles focusing on nanocarriers, hydrogels, lipid- and polymer-based systems, micro/nano fabrication and bioinspired delivery strategies that enhance the efficacy, stability and controlled release of biomacromolecules. The Issue seeks to provide a comprehensive platform for interdisciplinary insights at the interface of pharmaceuticals, materials science and molecular biology, accelerating the development of next-generation biotherapeutics.

Guest Editor

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Message from the Editor-in-Chief

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