Nanosystems for Drug Delivery

Guest Editors:

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Deadline for manuscript submissions:
closed (20 August 2024)

Message from the Guest Editors

Dear colleague,

Recently, peptide and peptide drugs have attracted great attention and application due to their high specificity, low toxicity, and modification, especially in the field of tumor-targeted and tissue regeneration. More than half of all new peptide-drug candidates that enter the development pipeline fail because they are unstable with various proteases in vivo. With the rapid development of the nano-delivery system, the stability and biological activity of peptide in vivo has been improved. However, challenges remain and can eventually be overcome by diverse strategies. Hence, the development of a new generation of nanosystems for peptides with improved therapeutic efficacy holds great promise.

The aim of this Special Issue is to gather the latest studies on peptide self-assembly, peptide–drug conjugates (PDC), nano-carriers for peptide delivery, in vitro and in vivo evaluations of their stability and biological activity. Original research papers, communications, or review articles are welcome for this Special Issue.

mdpi.com/si/168598

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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