

Special Issue

Peptides and Peptidomimetics for Local Drug Delivery

Message from the Guest Editors

This Special Issue focuses on recent developments, designs, motifs, characterization, and applications of peptides and mimetics used for local drug delivery. The versatility of the construction of several functional peptides and peptidomimetics enables the development and applications of smart drug delivery systems in nanomedicine. Their properties, including high biocompatibility, increased drug loading capacity, and specific targeting lead to improved therapeutic outcome through increased drug efficacy and reduced side effects. In addition to their drug delivery properties, they can also exhibit bioactive role enhancing the therapeutic effect by triggering intra- or extracellular pathways. Therefore, in this Special Issue, we will address aspects related to newer or older peptides and peptidomimetics, highlighting their use as tools for the construction of versatile local drug delivery systems. We welcome original research articles, reviews, short communications, and future perspectives in this field, with a focus on all aspects of isolation, synthesis, characterization, and applications of innovative peptides and peptidomimetics for local drug delivery.

Guest Editors

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Deadline for manuscript submissions

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Editor-in-Chief

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