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Overcoming Drug Delivery Problems through Advanced Drug Delivery System Design

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Deadline for manuscript submissions:
closed (31 January 2021)

Message from the Guest Editors

The scope of this Special Issue is to present and highlight the current developments in the area of advanced drug delivery systems which are designed to help overcome specific drug delivery problems. Such (delivery) problems are encountered in several categories of therapeutics and are usually related to poor properties of the drug molecules, such as permeability, solubility, stability, circulation half-life, and toxicity, which may result in poor absorption and bioavailability at the site of action, need for frequent dosing, exclusion of specific routes of administration or even inability to administer the drug by any route. In other cases, problems are related to difficult-to-reach biological sites, due to existing biological barriers, such as the blood–brain barrier (BBB). To overcome drug delivery problems, several types of nanomedicines have been designed and developed in recent years.

This Special Issue serves to highlight all the abovementioned situations, or other cases not mentioned. We invite articles on all aspects of advanced drug delivery systems designed with the aim to overcome drug delivery problems.

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Message from the Editor-in-Chief

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