



Targeted Drug Delivery for Diagnostic and Therapeutic Applications

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Message from the Guest Editors

Dear Colleagues,

Targeted drug delivery is a system for specifying the drug moiety directly into its targeted body area to overcome the specific toxic effect of conventional drug delivery, thereby reducing the amount of drug required for therapeutic efficacy. This targeted strategy enriches the concentration of the therapeutic agent in cells/tissues; as a result, low doses can be used, particularly if there is a contradiction between the therapeutic activity and the toxic effects of the agent. Increasing the concentration of therapeutic agents in the target location also improves their therapeutic index by enhancing the efficacy and/or increasing the tolerability in biological systems. Thus, targeted drug delivery is a priority approach in modern pharmacology.

This Special Issue intends to provide a forum for original research articles and reviews on the development of targeted drug delivery approaches. We invite researchers to share their ideas and results related to the development of drug delivery platforms and their potential application in treatment and diagnostics.

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