Special Issue

Customized and Designed Micro- and Nanocarriers for Drug Delivery

Message from the Guest Editor

The advancement and potential of drug delivery systems offer new opportunities to address treatment challenges for various diseases, particularly due to the non-specific diffusion of free drugs. It is essential to conduct comprehensive research across scientific and technological domains to facilitate the creation of new effective strategies. Consequently, the creation of stable vehicles becomes crucial for significantly improving the pharmacokinetics and biodistribution of therapeutic agents. I am pleased to announce that we are seeking the submission of articles for this Special Issue focusing on the recent advancements (over the past 10 years) in using micro- and nanocarriers for drug delivery systems in biological applications. We welcome submissions covering all aspects of carrier utilization, such as particles and fibers, aimed at achieving significantly enhanced therapeutic effectiveness. Let us discuss how carrier properties are correlated with their biological purpose in order to improve drug delivery from the infusion site to the intracellular target site, aiming to overcome biological obstacles and ensure that the drug reaches its intended destination.

Guest Editor

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