

Special Issue

Advances in Formulation of Nanocarriers for Overcoming Biological Barriers

Message from the Guest Editor

Nanocarriers have shown a considerable advantage in increasing the biological performance of drugs, revolutionizing nanomedicine. For their application, nanocarriers should be transported by the human body, overcoming physiological barriers, such as mucosal, epithelial, or intracellular, to achieve precision drug delivery. To design nanocarriers we should consider not only physiological barriers but also the pathological state, which restructures tissue properties, such as inflammation or the tumor microenvironment, demanding new strategies for drug targeting in this modified biophase. Therefore, in this Special Issue, we plan to collect the latest advances in new nanocarriers, aiming to overcome the physiological/pathological barriers and to describe their formulation, pharmacokinetics, toxicology, and biological targets.

Guest Editor

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