

Special Issue

Recent Advances in Carriers for Drug Delivery: From Structures to Functionality

Message from the Guest Editors

Drug release kinetics are conditioned by the physicochemical properties of the drug molecules and carriers. In this way, rigorous physicochemical characterizations are required to optimize the encapsulated pharmacologically active agent. The relationships between the carrier physicochemical properties and activity of the drug molecules are also important in this field. This Special Issue is dedicated to recent developments in fundamental aspects of the synthesis, characterization, and application of different carriers for controlled drug delivery, and its aim is to summarize the recent progress in their development. Results regarding carriers derived from natural, semisynthetic, and synthetic sources are welcome. This Special Issue focuses on the chemical composition of drug carrier, as well as their textural and morphological characterization at the micro- and nanoscale. This can be achieved through the use of common characterization methods.

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