

Special Issue

Polymer- and Lipid-Based Nanostructured Drug Delivery Systems for the Treatment of CNS Diseases: Recent Advances towards Clinical Application

Message from the Guest Editors

We are pleased to invite you to the Special Issue, which aims to serve as an overview of the current status, challenges, and recent advances in polymer- and lipid-based nanostructured formulations used for the treatment of neurological disorders. For this Special Issue, in particular, we call to researchers involved in brain targeting, overcoming the BBB both by invasive (e.g., brain implants, BBB transient opening etc.), and non-invasive methods (prodrugs, intranasal administration route (i.e., nose-to-brain delivery) etc.) using different materials such as polymers and lipids from natural and renewable resources to participate. These raw materials can be used as such or in physical mixtures to provide advanced nanostructured drug delivery systems (DDS), including polymeric nanoparticles, micelles, hydrogels, and lipid nanocarriers (liposomes, solid lipid nanoparticles and nanostructured lipid carriers). In this Special Issue, original research articles and reviews on the mentioned research areas are welcome, as well as scientific papers on the diagnostic applications of these nanosized DDS. We look forward to receiving your contributions.

Guest Editors

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