

Special Issue

Nanoparticulate Systems for Nose-to-Brain Drug Delivery

Message from the Guest Editors

The major barriers for the delivery of drugs to the central nervous system are the blood–brain barrier and blood–cerebrospinal fluid barrier which restrict most of the molecules entering the brain. In contrast, the direct nose-to-brain drug delivery system is a safe, feasible, mostly non-invasive, and convenient form of formulation approaches that could be considered an effective strategy, particularly for low molecular weight and macromolecular neurotherapeutics.

This Special Issue will highlight recent advances and challenges encountered during the development of nanoparticulate drug delivery approaches and novel drug administration devices for the treatment of neurological conditions.

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