

Special Issue

Blood–Brain Barrier Drug Targeting: The Future of Brain Drug Development

Message from the Guest Editor

Neurological disorders have been a challenge to target therapeutically given the presence of the blood–brain barrier (BBB). Blood–brain barrier (BBB)/Neurovascular unit (NVU) integrity is vital to the health of the central nervous system (CNS) and serves as the gateway for CNS drug delivery. However, the influence of pathological changes on BBB dynamics and ultimately on brain drug development is oft overlooked. Thus, it is important to the clinical success of new CNS-targeting agents to account for pathological changes, as well as those resulting from aging and sex differences, to fully understand BBB integrity, its impact on drug delivery, and how these issues will be addressed in the future. The aim of this Special Issue of *Pharmaceutics* is to collect research and review papers on targeting the CNS during disease by understanding the role of the BBB in drug discovery and development. We welcome articles dealing with any aspect of BBB dynamics during physiological and pathophysiological states on CNS drug delivery.

Guest Editor

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