The delivery of drugs to central nervous system (CNS) plays an important role in the treatment of neurological disorders. Drugs may be administered directly into the CNS or administered systemically for targeted action in the CNS. The major challenge to CNS drug delivery is the blood–brain barrier (BBB), which limits the access of drugs to the brain substance. Various strategies are used to deliver therapeutics across the BBB, both in experimental animals and humans.

It would be impossible to thoroughly cover this topic in one handy volume. Chapter 1 is an introduction to the topic with tabulation of various methods and their applications. Important methods form the subject of other chapters for detailed description. A few cover overviews of an innovative method and its applications.

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