Special Issue

Blood–Brain Barrier in CNS Injury and Repair

Guest Editors:
Prof. Dr. Hari Shanker Sharma
Department of Surgical Sciences, Akademiska Sjukhuset, Uppsala University, Uppsala, Sweden
sharma@surgsci.uu.se

Dr. Aruna Sharma
Department of Surgical Sciences, Akademiska Sjukhuset, Uppsala University, Uppsala, Sweden
aruna.sharma@surgsci.uu.se

Deadline for manuscript submissions:
31 July 2017

Message from the Guest Editors

Dear Colleagues,

Blood–brain barrier (BBB) regulates brain fluid environment strictly within a narrow limit. Passage of substances, drugs, proteins, large molecules are severely restricted. However, brain diseases following trauma, ischemia, strenuous stress, psychiatric illnesses and/or psychostimulants overuse, etc., and many neurological diseases are associated with breakdown of the BBB to large molecules. BBB breakdown allows passage of serum proteins and other toxins into the fluid microenvironment of the central nervous system (CNS) resulting in cerebral edema formation and subsequent cellular injuries. This Special Issue present developments in BBB research to improve therapeutic measures as well as nanomedicine use in several CNS diseases.

Prof. Dr. Hari Shanker Sharma
Dr. Aruna Sharma
Guest Editors

Author Benefits

Open Access: free for readers, with publishing fees paid by authors or their institutions.

High visibility: indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed) and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 22 days after submission; acceptance to publication is undertaken in 8 days (median values for 2016).