

Special Issue

Cerebrovascular Diseases: Mediators of the Capillary No-Reflow Phenomenon After Acute Ischemic Stroke

Message from the Guest Editor

The capillary no-reflow phenomenon refers to the inadequate cerebral perfusion that develops despite successful recanalization in the AIS therapy. Even though futile reperfusion is often associated with an unfavorable clinical diagnosis, our understanding of the underlying mechanisms remains limited. The scope of our Special Issue is to address the latest observations and opinions on the mechanisms behind the capillary no-reflow phenomenon after acute ischemic stroke (AIS). We aim to summarize (i) the already known and (ii) suspected mediators of microvascular constriction in the sub-acute phase of AIS. We will focus on the roles of cell specific prostaglandins, eicosatetraenoic acids and vasoactive ions in the development of the capillary no-reflow.

Guest Editor

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