

Special Issue

Novel Mechanisms for the Prevention and Treatment of Stroke

Message from the Guest Editor

In recent decades, the incidence of ischemic stroke has decreased thanks to improved control of important risk factors. Furthermore, the handling of acute stroke involving the chemical and/or surgical removal of thrombotic clots has demonstrated considerable improvement. However, two in three patients with ischemic stroke die or are functionally dependent at 5 years post-stroke, and this remains one of the leading causes of death and serious disability across the world. Moreover, such numbers are expected to rise over the next few decades, primarily due to population growth/aging and comorbidities. This underlines the importance of research in this field aiming to identify new molecular and cellular targets leading to stroke, as well as those triggered after stroke and characterizing stroke pathophysiology. Once these mechanisms have been identified, new proof-of-concept studies are needed to test their therapeutic potential.

Guest Editor

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