Experimental and Clinical Treatment of Subarachnoid Hemorrhage after Rupture of Saccular Intracranial Aneurysms

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Message from the Guest Editors

Subarachnoid hemorrhage (SAH) due to intracranial aneurysm rupture is a devastating event leaving mainly young people in their productive life severely disabled. The dismal outcome in SAH patients was mainly due to delayed cerebral vasospasm. Early brain injury emerged as a relatively new entity, embracing multiple and complex pathophysiological mechanisms that take place early after SAH. The exact roles of these early pathological phenomenons are just now being elucidated.

This Special Issue aims to provide an up-to-date overview of the pathophysiology, experimental treatment approaches, and clinical management of subarachnoid hemorrhage. We welcome original studies or reviews addressing the major research challenges and achievements on the topic. Potential topics include, but are not limited to: Novel pharmacological therapies; translational and clinical studies; biomarkers in SAH; microcirculatory disturbance; early brain injury; delayed cerebral vasospasm; neurobehavioral aspects; prevention of intracranial aneurysm rupture; epidemiological studies; neuroimaging; clinical guidelines; neurointensive care management; and future perspectives in SAH research.

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Special Issue

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Message from the Editor-in-Chief

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