

Special Issue

Recent Advances and Future Perspectives of Subarachnoid Hemorrhage

Message from the Guest Editors

Subarachnoid hemorrhage is a potentially life-threatening type of brain hemorrhage of which around 22–26% of patients die before reaching a hospital and many suffer from permanent neurological deficits, in many cases requiring permanent care at home. It affects around 6.1/100,000 person-years, and the average age of patients affected is between 50 and 60 years old. Although the outcome of patients has improved over time, the overall 30-day mortality is around 35%. The most common cause is the rupture of intracranial aneurysms followed by the rupture of AVMs or arteriovenous fistulas. In this Special Issue we aim to focus on neurocritical aspects and future treatment options of patients with subarachnoid hemorrhage in order to improve functional outcomes, adhering to the current guidelines. Our vision is to continue evolving by implementing new monitoring options and therapeutic strategies, from confirming the cause of a subarachnoid hemorrhage to managing its complications. **Topics will include the following:**

- Neuromonitoring.
- Pharmacological or interventional treatments of complications such as delayed cerebral ischemia and delayed neurological deficits.

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