



Clinical Diagnosis and Treatment of Cerebrovascular Diseases

Guest Editor:

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Message from the Guest Editor

According to the WHO, 32% of all global deaths are caused by cerebrovascular diseases. Thus, a reduction in the social and economic burden of these diseases is one of the major goals of medicine, particularly for all disciplines that focus on the diagnosis and treatment of the underlying causes. Both the arterial side of the extra- and intracranial blood vessels and the venous system are coming more and more into focus for scientific research in this field.

This Special Issue is dedicated to current research and novel insights on pathologies of the cerebrovascular system ranging from atherosclerosis to thromboembolism, stenosis, arterio-venous malformations, cavernomas and cerebral aneurysms. Emphasis is placed on novel diagnostic tools and treatment approaches including prevention and management of secondary complications such as cerebral vasospasm, delayed cerebral ischemia, hyperperfusion syndrome or brain edema. Thus, the aim of this Special Issue is to provide the reader with current developments and new insights.

- stroke
- intracranial stenosis
- aneurysm
- malformation
- therapy

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