

Special Issue

Traumatic Brain Injury—Clinical Translational Approaches, Demographic Change, and Neuro-Critical Care

Message from the Guest Editors

The mean age of people with traumatic brain injury (TBI) is increasing in many high-income countries. However, there are currently no guidelines for treating TBI in elderly patients. Conversely, many middle- and low-income countries have a rapidly growing population of young TBI patients requiring treatment in under-resourced structures. Understanding and treating increased intracranial pressure, oedema formation, blood-brain barrier breakdown, cell metabolism, extracranial organ function, inflammatory processes and decompressive craniectomy remain controversial issues, especially in children. To further support interdisciplinary scientific discussion in this field, we invite basic scientists and clinicians to publish new findings from translational preclinical research integrating standard therapeutic measures into the experimental design, and new therapeutic approaches in our special issue. The aim is to minimise the gap between the bench and bedside in the field of TBI.

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