



New Frontiers of Traumatic Brain Injury Management

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Message from the Guest Editor

Traumatic brain injury (TBI) represents a major therapeutic challenge responsible for more than 50,000 deaths every year in the US alone, with a phenomenal psychological, social and financial burden. Despite tremendous efforts in both clinical and experimental research, the mainstay of TBI management still relies on basic mechanistic principles of intracranial pressure relief and does not address the complex pathophysiology that underlies the process of secondary brain damage. Discouraging results of numerous clinical studies based on translational research, however, have not hampered neuroscientists' continued attempts to elucidate the different pathways of secondary traumatic neuronal damage, looking for novel avenues of neuroprotection.

This Special Issue, "New frontiers of TBI management", of the *International Journal of Molecular Sciences* will comprise a selection of research papers and reviews that will contribute to understanding the efficacy, safety, and mechanisms of medicines used in the treatment of traumatic brain injury.





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Message from the Editor-in-Chief

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