



Pharmacologic Therapy for Traumatic Brain Injury

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Message from the Guest Editor

Dear Colleagues,

Traumatic brain injury (TBI) is an insult to the brain from an external force that causes temporary or permanent impairment in functional, psychosocial, or physical abilities. TBI—the "silent epidemic"—contributes to worldwide death and disability more than any other traumatic insult. According to the World Health Organization, TBI became the third leading cause of mortality amongst all age groups in the year 2020.

While there is much promising work under way, there are significant opportunities to focus on areas such as mild TBI, the post-acute and chronic TBI periods, and on therapies targeting mechanisms of neurorepair and neuroregeneration. Thus, the challenges that combination therapy presents are only beginning to be addressed, and it is likely that polypharmacy will eventually be needed to achieve maximal recovery after TBI.

In this Special Issue, we focus on how new pharmacological approaches can prevent negative clinical symptoms and neurodegeneration for particular TBI clinical scenarios.





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