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## The Use of Advanced MRI Techniques in Traumatic Brain Injury

Guest Editor:

### Dr. Jiachen Zhuo

Department of Diagnostic  
Radiology & Nuclear Medicine,  
University of Maryland School of  
Medicine, Baltimore, MD 21201,  
USA

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### Message from the Guest Editor

Traumatic brain injury (TBI) remains a global health concern, representing a leading cause of death and disability with lasting repercussions. The inherent heterogeneity of TBI poses a challenge as conventional imaging often falls short in diagnosis and outcome prediction. Recognizing TBI as both an acute and chronic condition highlights the need for advanced MRI techniques. These methods offer critical insights into the intricate dynamics of brain injury, revealing diverse recovery paths and cognitive impairments.

The transformative potential of advanced MRI extends to early detection and intervention, informed by a comprehensive understanding of injury evolution. This compilation invites contributions to advance our understanding of TBI through state-of-the-art imaging techniques, aiming for practical improvements in patient care and outcomes.



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### Prof. Dr. Stephen D. Meriney

Department of Neuroscience,  
University of Pittsburgh,  
Pittsburgh, PA 15260, USA

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Brain Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
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