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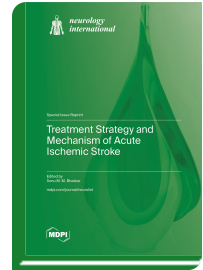
Special Issue Reprint

Treatment Strategy and Mechanism of Acute Ischemic Stroke

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Edited by
Sonu M. M. Bhaskar

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This Special Issue of *Neurology International*, titled *Treatment Strategy and Mechanism of Acute Ischemic Stroke*, presents a curated collection of original research and reviews addressing the multifaceted challenges and advancements in ischemic stroke management. The Reprint spans the entire continuum of stroke care—from early diagnosis and acute intervention to recovery, rehabilitation, and secondary prevention. It features cutting-edge studies on multimodal imaging, reperfusion therapies, functional outcomes, and the role of inflammation, vascular dysfunction, and genetic factors in stroke pathogenesis. Emphasis is placed on real-world clinical applications, health system considerations, and bridging the translational gap between laboratory discoveries and bedside practice. Several contributions explore emerging tools such as paired associative stimulation, muscle synergy models, and remote ischemic conditioning. Others delve into prognostic biomarkers, cerebrovascular physiology, and the significance of structural and functional neuroimaging in post-stroke outcomes. Guest edited by Prof. Dr. Sonu M. M. Bhaskar, this Special Issue offers a timely and integrated perspective on acute ischemic stroke, with relevance for clinicians, neuroscientists, and healthcare professionals committed to improving patient care through evidence-based strategies.



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