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13 The Neurobiological Basis of Pharmacological Approaches for Patients with Traumatic Brain Injury
Part IV Methodological and Technological Advances; 14 Advanced Neuroimaging in Traumatic Brain Injury; Part V Special Populations; 15 Children and Adolescents; 16 Traumatic Brain Injury in Older Adults: Does Age Matter?; 17 Mild Traumatic Brain Injury; 18 Blast-Related Traumatic Brain Injury: Pathophysiology, Comorbidities, and Neurobehavioral Outcomes; Part VI Future Opportunities and Challenges; 19 Future Challenges; INDEX; Plates

Sommario/riassunto

This timely book reports recent progress in research on traumatic brain injury (TBI) by leading investigators encompassing translational and clinical studies. The text covers epidemiology, pathophysiology, brain imaging, cognition, behavioral sequelae, and clinical trials of innovative treatments, including new approaches to rehabilitation. The range of TBI mechanisms represented in this cutting-edge book includes closed head trauma and blast-related injury, and the spectrum of TBI severity. Chapters offer a developmental perspective, including the effects of TBI on cognitive development in ch
