

## Special Issue

# Molecular Mechanisms and Pharmacological Approaches for Brain Injury

### Message from the Guest Editor

Brain injury—whether that be stroke, spinal cord injury, traumatic brain injury, seizure, or brain tumors—represents a major cause of death and disability globally. To date, numerous efforts have been made to develop new therapeutics that modulate the pathogenesis of brain injury. Unfortunately, these studies have not led to the successful development and discovery of new drug targets. Therefore, uncovering the molecular mechanisms of injury, recovery, and neuroprotection is important for the development of novel effective therapies. The aim of this Special Issue is to collect up-to-date overviews of the current understandings of brain injury, molecular mechanisms, and pharmacological approaches, as well as the possible clinical translations and therapeutic strategies to treat brain injury. We invite authors to submit original research articles, reviews, and case reports focusing on molecular mechanisms and pharmacological therapies.

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### Guest Editor

Dr. Giovanna Casili

Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina, 98166 Messina, Italy

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### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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### Message from the Editor-in-Chief

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Department of Physiology, Institute of Nutrition and Food Technology  
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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