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## The Molecular and Cellular Biology of Neuroprotection

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### Message from the Guest Editors

Dear Colleagues,

Neurological disorders are a significant global health issue with complex etiologies and pathophysiology. Neuroprotection describes strategies that protect, mitigate, or delay neuronal damage by intervening and inhibiting processes that cause neuronal dysfunction, or those that promote wound healing. Common mechanisms of neuronal injury include excitotoxicity, neuroinflammation, decreased delivery of oxygen and glucose, increased oxidative stress, mitochondrial dysfunction, cellular energy failure, iron accumulation, or protein misfolding and aggregation. A better understanding of these processes in terms of their molecular and cellular biology will promote translational research and therefore aid in the designing of new therapeutic strategies.

This Special Issue aims to present the most up-to-date findings regarding research targeting the mechanisms underlying different neurological disorders and neuroprotection strategies. It aims to provide a broad overview of novel advances in the field.

Dr. Elisa Martín-Montañez  
Dr. Silvana Yanina Romero-Zerbo  
*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

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