



## Pharmacological Targets for Neuroinflammation

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### Message from the Guest Editor

Neuroinflammation is the process of inflammation that occurs in the brain or central nervous system and is believed to play a critical role in various neurological disorders, such as Alzheimer's disease, Parkinson's disease, multiple sclerosis, and stroke. This complex process involves several key players, including microglia, astrocytes, pro-inflammatory cytokines (e.g., interleukin-1 $\beta$ , tumor necrosis factor- $\alpha$ ), and other immune mediators.

The focus of this Special Issue is to gather new breakthrough research findings on various pharmacological targets that have been identified to modulate neuroinflammation and explore their possible crosstalk. We welcome preclinical and clinical studies that investigate novel approaches or potential combination therapies to enhance the efficacy of pharmacological interventions in reducing neuroinflammation and associated neuroinflammatory diseases. In addition, carefully targeted reviews addressing the challenges faced in developing therapeutic agents that specifically target neuroinflammation without interfering with essential immune responses in the brain would also be highly valuable.





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## Message from the Editor-in-Chief

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