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Effects of Microglia Changes on Neuroinflammation and Neurodegeneration

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Message from the Guest Editors

Human lifespans have significantly extended, leading to a continuous growth in the percentage of elderly individuals in the population. This has led to the prevalence of numerous neurodegenerative diseases such as dementia, Parkinson's, Alzheimer's, and Huntington's disease. Microglia are found in the Central Nervous System (CNS), and these cells play crucial roles in the regulation of neuroinflammation and neurodegeneration. Neuroinflammation and neurodegeneration are key factors in the genesis of several neurodegenerative diseases; therefore, the importance of microglia research has been recognized, and studies in the related areas have proliferated.

This Special Issue will include 1) mechanism studies of neuroinflammation in microglia; 2) mechanism studies of neurodegeneration in microglia; and 3) studies on therapeutical candidates for microglia during neuroinflammation and neurodegeneration.



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Special Issue



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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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