



Microglial Function in the Central Nervous System II

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Message from the Guest Editor

Aberrant activation of microglia has been associated with the pathogenesis of a wide variety of neurological disorders including neurodegenerative diseases such as Alzheimer's disease and Parkinson's disease. Distinct phenotypes may underlie their involvement in the normal development and maintenance of the central nervous system as well as the pathogenesis of various neurological disorders. Moreover, microglia exhibit both spatial phenotypic characteristics within different regions of the central nervous system and temporal phenotypic transformation in response to changes in their microenvironment, the presence of abnormal substances and during the pathogenesis of neurological disorders, as well as sex dimorphism. This Special Issue welcomes research work on the characterization of microglial phenotypic transformation in various model systems to help gain a more complete understanding of their highly dynamic and multifaceted role in both health and disease.





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Message from the Editor-in-Chief

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