



## **Neuroinflammation: New Insights into Beneficial and Detrimental Functions**

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Neuroinflammation has long been studied for its connection to the development and progression of Multiple Sclerosis. In recent years, the field has expanded to look at the role of inflammatory processes in a wide range of neurological conditions and cognitive disorders including stroke, amyotrophic lateral sclerosis, and autism. Researchers have also started to note the beneficial impacts of neuroinflammation in certain diseases.

*Neuroinflammation: New Insights into Beneficial and Detrimental Functions* provides a comprehensive view of both the detriments and benefits of neuroinflammation in human health.

Neuroinflammation: New Insights into Beneficial and Detrimental Functions opens with two chapters that look at some fundamental aspects of neuroinflammation in humans and rodents. The remainder of the book is divided into two sections which examine both the detrimental and beneficial aspects of inflammation on the brain, spinal cord and peripheral nerves, on various disease states, and in normal aging. These sections provide a broad picture of the role neuroinflammation plays in the physiology and pathology of various neurological disorders.

Providing cross-disciplinary coverage, *Neuroinflammation: New Insights into Beneficial and Detrimental Functions* will be an essential volume for neuroimmunologists, neurobiologists, neurologists, and others interested in the field.