

Special Issue

The Role of Glia in Inflammatory Processes

Message from the Guest Editors

Central nervous system (CNS) inflammation is a crucial process for brain homeostasis. Microglial cells and astrocytes are among the main players with pivotal functions in controlling inflammatory responses and promoting tissue repair. Although inflammation can be beneficial for the brain, exacerbated responses have been associated with the development of neurological conditions. Despite advances in the understanding of neuroinflammatory processes and the role of glial cells in the brain, much is still lacking in the comprehension of the specific pathways involved in this mechanism. Moreover, the development of better diagnostic tools and therapies is of significance to improve the quality of life of patients with neurological conditions. The main purpose of this Special Issue of *Brain Sciences* is to provide high-quality research on the rapidly growing field of the function of glial cells in inflammatory processes. Recent progress in the comprehension of the underlying mechanisms involved in CNS inflammation and the role of microglia and astrocytes will be of particular importance.

Guest Editors

Dr. Charles Elias Assmann

Department of Biochemistry and Molecular Biology, Federal University of Santa Maria, Santa Maria, Brazil

Dr. Margarete Dulce Bagatini

Graduate Program in Medical Sciences, Federal University of Fronteira Sul, Chapecó 89815-899, SC, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

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