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Inflammation in Neuropsychiatric Disorders

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Although inflammatory responses in the brain have been recognised for years as critical in neurodegeneration and behaviour in some neurological disorders (e.g. Multiple Sclerosis, Alzheimer's disease), their role for the development, treatment and prevention of a number of neuropsychiatric disorders has been so far largely overlooked. This thematic volume of **Advances in Protein Chemistry and Structural Biology** is dedicated to the role of inflammation in neuropsychiatric disorders. It includes comprehensive reviews and original data on molecular mechanisms triggering inflammatory responses in the brain and leading to the disorders as well as some novel approaches for their treatment. This volume provides a rationale for future studies on the relationship between inflammation and neuropsychiatric disorders with intent to inspiring the development of new agents for a more efficient management and prevention.

Cover image: Therapeutic peptides designed to bind specifically to A β 42 reduce inflammation in Alzheimer's brains. For more information read the article "Treatment with A β 42 Binding D-Amino Acid Peptides Reduce Amyloid Deposition and Inflammation in APP/PS1 Double Transgenic Mice" in this volume.



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