

Special Issue

Altered Central and Peripheral Inflammation in Depression

Message from the Guest Editors

Depression is a complex and heterogenic psychiatric disease that affects more than 300 million of people worldwide and represents the number one cause of human disability. Accumulating preclinical evidence suggests that inflammatory processes in the brain and periphery are tightly associated with the etiopathology of depression. Additionally, a number of clinical data report high comorbidity between depression and inflammation-related medical conditions on the periphery of the body that are characterized by disrupted innate and immune responses and aberrant production of pro-inflammatory cytokines, and increased neurotoxicity. Furthermore, inflammation is also reported as one of the key factors in the pathophysiology of several neurological brain disorders that exhibit high comorbidity with depression. In this Special Issue, we will give an overview of how peripheral inflammation derived from different challenges health states communicates with the brain and affects its function and structure on a molecular level, and promotes susceptibility to depression. For further reading, please, visit the [Special Issue website](#).

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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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