

Special Issue

Immunology of Multiple Sclerosis

Message from the Guest Editors

Multiple Sclerosis (MS), a neurological disorder of the central nervous system (CNS), has historically been defined as an autoimmune disease driven by abnormal responses of T cells to self-myelin antigens. More recently, the extensive use of anti-CD20 treatment has revealed the important role of B cells, which not only produce autoantibodies but also contribute to MS disease pathogenesis and progression through the formation of ectopic follicles inside the meninges of the CNS. The process by which immune cells become activated is still unknown, but a combination of genetic and environmental factors is involved together with the dysfunction of T and B regulatory T cells. The goal of this Special Issue is to generate genuine and valuable scientific knowledge on the role of the immune system in MS pathogenesis and progression. We will consider original reports focused on the different subsets of immune cells and their cytokines involved in the different forms of MS and in its animal model, their regulation by genetic, epigenetic and environmental factors (such as but not only infections and pregnancy), and their modulation by currently available therapies.

Guest Editors

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About the Journal

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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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