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New Advances and Challenges in Multiple Sclerosis: Pathophysiology and Therapeutic Strategies

Guest Editor:

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Message from the Guest Editor

Multiple sclerosis (MS) is the most common neurological disease, being especially dramatic for debuting mainly in young adults and for not having a cure. The treatments address the immune component of the disease, are mostly effective in the relapsing-remitting MS variant, and are almost totally ineffective in the progressive forms of MS. Therefore, the search for molecular/cellular factors capable of differentiating at the pathophysiological level the intrinsic reasons for these differences, is of vital importance in the search for new treatments for people with MS. On the other hand, the existence of recovery phases in RRMS patients points to the existence of spontaneous selfcorrecting phenomena of the inflammatory episode that lead to neuro-repair of the damaged tissue. The aim of this Special Issue of Biomedicines is to provide an overview of the pathophysiologic role of newer and older molecular mechanisms of MS together with the presentation of insights for the consecution of new therapeutic strategies. Moreover, it will focus on biomarkers to help in the accurate disease monitoring. Both original articles and reviews will be considered for publication in this Issue.













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Editor-in-Chief

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Message from the Editor-in-Chief

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