

## Special Issue

# The Role of Microorganism in the Etiopathogenesis of Demyelinating Diseases

### Message from the Guest Editor

Environmental factors, such as bacterial and viral infections, have been associated with the development of several demyelinating diseases, including multiple sclerosis (MS), neuromyelitis optica spectrum disorder (NMOSD), and myelin oligodendrocyte glycoprotein antibody-associated disease (MOGAD). However, a direct proof of a causative specific pathogenic agent is still missing.

Since very little is known about the molecular machinery behind the change in the immune system in response to microbial components in patients with demyelinating disorders, this research topic aims to understand the relationship between microorganisms, neuroinflammation, and neurodegeneration.

In this Special Issue, we welcome contributions focusing on, but not limited to, the following themes:

- Role of infection in the etiopathogenesis of MS, NMOSD and MOGAD disorders;
- Relationship between microbial products, immune system and the autoimmune-mediated demyelination;
- Link between risk of infection reactivation and treatment in demyelinating diseases;
- Infection in animal model systems of demyelinating diseases

### Guest Editor

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### Deadline for manuscript submissions

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