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## Oligodendrocyte Physiology and Pathology Function

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### Message from the Collection Editor

Dear Colleagues,

In multiple sclerosis (MS) patients, chronic clinical deficits are known to result from axonal degeneration, which is triggered by demyelination and inadequate remyelination. The underlying mechanisms of oligodendrocyte degeneration and regeneration are still poorly understood. This Special Issue will collect articles that address ongoing research into promoting myelin repair, understanding the physiology and pathology of oligodendrocytes, the interaction of oligodendrocytes with central and peripheral immune cells, and the various models that allow us to study oligodendrocyte physiology and pathology.

### Keywords

- Demyelination
- Remyelination
- Neurodegeneration
- Oligodendrocyte
- Myelin
- Multiple sclerosis
- Leukodystrophy
- Cell–cell communication



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