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## Modelling Neurodegeneration and Remyelination Processes: Past, Present, and Prospectives for Drug Discovery

Guest Editor:

**Dr. Antonella Ragnini-Wilson**

Department of Biology, University of 'Tor Vergata' Rome, Viale Della Ricerca Scientifica, 00133 Rome, Italy

Deadline for manuscript submissions:

**closed (15 November 2021)**

### Message from the Guest Editor

The possibility to study the mechanical and chemical properties guiding axon-oligodendroglia interactions by uncoupling indirect (neuronal) from direct (oligodendroglia) effects during myelination in vitro have opened the possibility to characterize several aspects of remyelination previously unclear and to develop novel strategies in drug discovery. Many questions remain opened. How oligodendroglia cells recognise the demyelinated area? Are there neuronal factors stimulating OPC differentiation? How many cell types participate in remyelination? All remyelination drugs identified act similarly in their remyelination properties? Which are the best cellular models for drugs discovery for remyelination studies? Are there novel animal models for demyelination disease?

Paper that discuss these topics are invited to be submitted for this special issue



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**Special** Issue



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*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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