

Special Issue

Genetics of Nerve Regeneration

Message from the Guest Editors

This Special Issue, “Genetics of Nerve Regeneration”, aims to highlight advances in molecular genetics related to nerve regeneration in the peripheral and central nervous systems. We welcome high-quality original research articles and critical reviews that focus on advances in our understanding of the genetic mechanisms underlying nerve regeneration and the development of novel therapeutic strategies for nerve injuries. Topics of interest include, but are not limited to, the following:

- Genetic factors influencing nerve regeneration;
- Cellular and molecular mechanisms of neurodegeneration;
- Crosstalk between immune cells and the nervous system;
- Neuroinflammation and neurodegeneration;
- The transcriptomic and proteomic analysis of neurodegeneration;
- Advances and applications of organoid technologies for nerve injuries;
- The role of metabolism in neurodegeneration;
- Therapeutic approaches for nerve repair and regeneration.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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