

Special Issue

The Contribution of Neurogenetics in Disentangling the Pathophysiology of Neurodegenerative Diseases

Message from the Guest Editors

The ‘undoing’ present at the level of neuronal networks and on neurons, as well as the accumulation of protein aggregates, are crucial factors that have been recognized, to date, as the primary causes of cognitive, sensory, and motor dysfunction. The identification of a prodromal phase in some of these disorders offers a valuable “window of opportunity” for making a powerful impact on disease onset and progression. To effectively address this challenge, an approach that recognizes neurodegeneration as an inherently cellular and molecular process is essential. In this complex scenario, translational neurogenetics emerges as the key discipline to achieve our goals by integrating genetic discoveries with clinical practice. For these reasons, we propose this Special Issue with the aim to compile high-quality original papers and comprehensive reviews of the literature that will make a significant and innovative contribution to the understanding and treatment of neurodegenerative diseases through the “looking glass” of neurogenetics.

Guest Editors

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Deadline for manuscript submissions

31 March 2026



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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