

Special Issue

The Development of Genetic Assessment for Neurotoxicity

Message from the Guest Editors

Neurotoxicity manifests as adverse structural and functional changes in the central and peripheral nervous systems, which arise due to the impact of various biological, chemical, or physical agents. Depending on the structural basis and localization of damage, neurotoxicity affects numerous neurobiological mechanisms. These changes are often accompanied by a broad spectrum of mood disorders and/or neurocognitive deficits that impact various physiological aspects. A special problem, still insufficiently emphasized, is the neurotoxicity that occurs as a consequence of various therapeutic protocols, especially in the treatment of neurodegenerative and mental disorders. This Special Issue, “The Development of Genetic Assessment for Neurotoxicity”, aims to provide an integrated view of state-of-the-art research on the genetic basis and epigenetic changes that have an impact on neurobiological mechanisms involved in the development of neurotoxicity and its effects, as well as by providing a comprehensive insight of the topic through original research and review articles. We look forward to your contributions.

Guest Editors

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Deadline for manuscript submissions

31 December 2025

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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?

Editor-in-Chief

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