

Special Issue

Unraveling the Complex Role of Non-Coding RNAs in Neurodegenerative Diseases

Message from the Guest Editors

Neurodegenerative diseases (NDs) are a group of progressive disorders marked by the degeneration of neurons in the central nervous system, resulting in cognitive decline, motor impairments, and behavioral changes. Despite extensive investigations, the causes of NDs remain unclear, and the search for effective therapeutic interventions continues to pose significant challenges in modern medicine. The emerging field of non-coding RNA (ncRNA) research has brought new insights into the pathogenesis of NDs, revealing potential mechanisms and therapeutic targets. Further research is crucial to unravel the complex network of ncRNA interactions and to fully harness their potential for the diagnosis, treatment, and prevention of neurodegenerative diseases. This endeavor will require a multidisciplinary approach that integrates genomics, molecular biology, and computational biology to illuminate the enigmatic roles of ncRNAs in NDs and pave the way for more effective clinical interventions.

Guest Editors

Prof. Dr. Stephen Massa
Dr. Atsushi Mizuma
Dr. Jian Shi

Deadline for manuscript submissions

closed (25 April 2025)

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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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