



*genes*



an Open Access Journal by MDPI

## Genetic and Molecular Bases of Neurodegeneration

Guest Editor:

**Dr. Monica Sanchez-Contreras**  
Department of Radiology,  
University of Washington, Seattle,  
DC, USA

Deadline for manuscript  
submissions:  
**closed (15 July 2024)**

### Message from the Guest Editor

Notable breakthrough discoveries of familial inherited mutations and associated genetic risk factors, together with the arduous work carried out regarding their functional consequences, are slowly clarifying the events underlying the most common forms of neurodegeneration, such as Alzheimer's disease, bringing promising insight into other less common neurodegenerative disorders. To advance our understanding of neurodegeneration, not only are more studies needed on how known genetic factors contribute to the molecular events that end in neuronal damage and loss at the core of the neurodegenerative process, but also interdisciplinary approaches able to address its complexity and explore the interplay between known and novel molecular pathways. With continuous technological developments becoming more available to the average laboratory, all our previous hypotheses of the molecular mechanisms involved in neurodegeneration can now be put to the test while creating an avenue for discovery that promises to advance the field towards preventing, delaying, or treating neurodegenerative disorders.



[mdpi.com/si/193834](https://mdpi.com/si/193834)

**Special** Issue



*genes*



an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Selvarangan  
Ponnazhagan**

Experimental Cancer  
Therapeutics, The University of  
Alabama at Birmingham, 1825  
University Blvd., SHEL 814,  
Birmingham, AL 35294-2182, USA

## 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?

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

**Journal Rank:** JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))

## Contact Us

---

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

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/genes](http://mdpi.com/journal/genes)  
[genes@mdpi.com](mailto:genes@mdpi.com)  
[X@Genes\\_MDPI](https://twitter.com/Genes_MDPI)