

## Special Issue

# Molecular and Cellular Mechanisms in Neurodegenerative Diseases

### Message from the Guest Editors

Neurodegenerative diseases such as Alzheimer's and Parkinson's disease affect millions of people worldwide. Virtually all neurodegenerative diseases involve (mis)operating cellular processes, including protein misfolding, cellular stress, protein and organelle degradation, mitochondrial biology, immune response, and lysosomal function. Uncovering the underlying cellular and molecular mechanisms that trigger pathogenic processes related to neurodegeneration is therefore of great importance for understanding disease dynamics. In this Special Issue, we aim to focus on the latest research on intra- and intercellular mechanisms contributing to neurodegeneration. We aim to highlight novel research findings and collect therapeutic advances that may ameliorate disease progression. Research papers, review articles, or shorter perspective articles on related aspects of cellular and molecular mechanisms in neurodegenerative diseases are welcomed. Female scientists are particularly encouraged to submit their research.

### Guest Editors

Dr. Hannah Scheiblich

Institute of Innate Immunity, University Hospital Bonn, Germany and German Center for Neurodegenerative Diseases, 53127 Bonn, Germany

Dr. Lena Wischhof

German Center for Neurodegenerative Diseases (DZNE), 53127 Bonn, Germany

### Deadline for manuscript submissions

closed (21 April 2023)



## Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/118448](https://mdpi.com/si/118448)

*Life*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[life@mdpi.com](mailto:life@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[life](https://mdpi.com/journal/life)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*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.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### 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, PMC, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)