

## Special Issue

# Nonmammalian Models for Neurodegenerative and Neurological Disorders

### Message from the Guest Editors

Within two decades, neurodegenerative diseases such as Alzheimer's and Parkinson's disease are expected collectively to surpass cancer as the 2nd highest worldwide cause of mortality. Understanding them and other diseases of the central nervous system presents special challenges because of the complexity and relative inaccessibility of the mammalian brain. Because of these challenges, nonmammalian model organisms continue to provide opportunities to study these diseases in simpler, more experimentally tractable systems than the mammalian nervous system. This Special Issue aims to celebrate and illuminate the contributions of nonmammalian model systems to our growing understanding of neurodegenerative and neurological diseases. The relevant model systems may include eukaryotic microbes such as yeast and protozoa, invertebrate animals such as sea slugs, sea urchins, nematodes and flies; and nonmammalian vertebrates such as zebrafish. Both focused review articles and original research papers are welcome contributions. For further reading, please visit the [Special Issue website](#).

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2021)



## Cells

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## About the Journal

### Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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### Editors-in-Chief

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