

Special Issue

Epigenetic Mechanisms and Aging

Message from the Guest Editor

Cells have many pathways during the life of an organism: proliferate or die, differentiate or divide, etc. Cells also age and lose the ability to function. The fundamental question as to why this happens is complex, but it is clear that this process can be reversed in some instances. *Drosophila melanogaster*, or fruit fly, is a model organism with a long history of great contributions to science. As technology has progressed, the great genetic techniques have expanded to incorporating genome editing and many other advances. The short life cycle and conserved cellular processes make *Drosophila* an ideal model to investigate cellular behavior, especially for cellular pathways in vivo. We hope that this Special Issue will bring together science utilizing the latest advancements and breakthroughs in cellular aging and behavior. We are looking for investigations and reviews on a wide-ranging list of topics, including signal transduction, cell migration, morphogenesis, homeostasis, polarity and adhesion, especially as these relate to adult tissues.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/198563

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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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