Special Issue

Non-popular Biological Models as a Promising Tool of Cell Biology

Message from the Guest Editors

Most research in cell biology today uses just a handful of model systems, including yeast, *Arabidopsis*, *Drosophila*, *C. elegans*, zebrafish, mouse, and cultured tumoral mammalian cells. When it comes to most biological questions, the best system to find their answer is likely found among these models. While having a set of go-to models can have indisputable advantages, it also comes with a set of challenges. New and modern research tools are facilitating a renaissance and/or the development of interesting and unusual organisms as model systems. This might be a risky approach, but we believe that there is a need for new models and predict that an ever-expanding breadth of models systems may be the hallmark of future cell biology. Based on the above, we are proposing a Special Issue on “Non-Popular Biological Models as a Promising Tool of Cell Biology” and invite you to participate with original articles that may highlight new promising discoveries. Indeed, we argue that some of the biggest future discoveries in cell biology could come from the development and study of new, atypical model organisms.

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).