Special Issue

Signaling Pathways In Development and Ageing

Message from the Guest Editor

Neurodevelopmental and neurodegenerative diseases impact individuals, families and society as a whole. Interesting converging mechanisms are emerging connecting autism and Alzheimer's disease. For example, de novo mutations impact autistic syndromes and somatic mutations in the same genes have been shown to parallel Alzheimer's disease tauopathy. Reverting back to the autistic brain, tauopathy has been discovered in autistic syndromes, suggestive of potential early ageing mechanisms. Similarly, common/and disparate alterations in central pathways affecting synaptic structure and function have been discovered at the DNA/chromatin level as well as the cytoplasmic level. The current Special Issue of *Cells* focuses on signaling pathways in development and ageing diseases from a cell-centric perspective and aims at their better understanding and future preventative and personalized medicine.
For further information, please visit the Special Issue website.

Guest Editor

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Deadline for manuscript submissions

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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).