

Special Issue

Emerging Topics in the Signaling Pathways of Angiogenesis

Message from the Guest Editors

As an important scientific domain, angiogenesis, the formation of new blood vessels, has gradually penetrated many areas of biology, physiology/pathophysiology, and medicine. Over the last decade, there has been continuous progress in our understanding of angiogenesis, which involves a multitude of complex signaling programs, in various aspects ranging from the mechanism underlying endothelial plasticity, the regulation of cellular metabolism during angiogenic processes, to the development of new therapeutic avenues. As such, we highly encourage researchers to submit the potential topics including, but not limited to: vascular development/genetics, angiogenesis in tissue homeostasis/repair and pathology (such as tumor pathogenesis, inflammation, etc.), and advanced technologies (such as stem cell bioengineering, organoid, etc.) in observing the angiogenesis process at spatiotemporal high resolution or manipulating the angiogenesis for therapeutic purposes.

Guest Editors

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Deadline for manuscript submissions

closed (25 April 2023)



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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).