

## Special Issue

# Understanding the Molecular Mechanisms of Angiogenesis

### Message from the Guest Editors

A deeper understanding of the molecular mechanisms driving angiogenesis is critical to develop effective treatments for human diseases driven by defects in blood vessel growth and to overcome the limitations of current approaches. This Special Issue aims to summarize the current knowledge and cutting-edge research on the molecular mechanisms of angiogenesis. Reports can address both physiological and pathological angiogeneses. In the latter case, we ask authors to focus on potential new drug targets or therapeutic strategies. Translational studies are particularly welcome. We also encourage authors to present non-canonical views in opinion papers or reviews. For further information, please visit the Special Issue [website](#).

---

### Guest Editors

Dr. Arianna Giacomini

Unit of Experimental Oncology and Immunology, Department of Molecular and Translational Medicine, University of Brescia, 25123 Brescia, Italy

Dr. Elisabetta Grillo

Unit of Biotechnology, Department of Molecular and Translational Medicine, University of Brescia, 25123 Brescia, Italy

---

### Deadline for manuscript submissions

closed (30 June 2023)



## Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/101389](https://mdpi.com/si/101389)

*Cells*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cells@mdpi.com](mailto:cells@mdpi.com)

[mdpi.com/journal/  
cells](https://mdpi.com/journal/cells)





# Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/journal/  
cells](https://mdpi.com/journal/cells)



## 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.

---

### Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE,  
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,  
Copenhagen, Denmark

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).