



*cells*



an Open Access Journal by MDPI

## Organ and Tissue Fibrosis: Molecular Signals and Cellular Mechanisms

Guest Editor:

**Dr. Zhuo Wang**

School of Life and Health  
Sciences, Aston University,  
Birmingham, UK

Deadline for manuscript  
submissions:

**closed (30 June 2024)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Cells* is dedicated to the molecular signals and cellular mechanisms of organ and tissue fibrosis. Fibrosis is characterized as the formation and remodelling of scar tissue and is an end result of many conditions, such as injury and inflammation. Fibrosis leads to the loss of tissue and organ functions, while fibrotic disorders contribute to around 40% of all causes of mortality. Even though fibrosis occurs in the extracellular matrix, understanding the role of cells and molecular signals in organ fibrosis is important to enhance our knowledge of this pathological process and eventually develop effective treatments. This Special Issue will focus on various cellular and molecular mechanisms during fibrosis in various organs, such as inflammatory cytokine-induced cell transition into myofibroblasts. This Special Issue will contain both original research articles and reviews. Studies performed using in vitro, ex vivo and in vivo models are welcome.



[mdpi.com/si/140754](https://mdpi.com/si/140754)

**Special** Issue



*cells*



an Open Access Journal by MDPI

## Editors-in-Chief

### **Prof. 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

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

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

## Contact Us

---

*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cells](http://mdpi.com/journal/cells)  
[cells@mdpi.com](mailto:cells@mdpi.com)  
[X@Cells\\_MDPI](#)