

## Topical Collection

# Fibroblast Growth Factors: Pathophysiology and Therapeutics

### Message from the Collection Editor

Fibroblast growth factors (FGFs) are a family of cytokines that play crucial roles in the regulation of key cellular processes such as cell proliferation, cell differentiation, tissue morphogenesis, angiogenesis, wound repair, and tumor growth. These endocrine FGFs have been demonstrated to be critical regulators of glucose and lipid metabolism, vitamin D biosynthesis, and phosphate homeostasis and, hence, have attracted an immense amount of interest as therapeutics against diabetes, obesity, osteoporosis, cardiovascular and kidney diseases, and a wide array of diseases associated with the liver–gut axis. In addition, the availability of structural information on the structure–activity relationship of FGFs has opened new avenues to the rational design of drugs against FGF-mediated pathogenesis. In this context, this Special Issue of *Cells* provides an exciting open-access platform for original research articles, shorter perspective articles, and comprehensive reviews on significant recent advances in FGF pathophysiology and therapeutics against the plethora of types of FGF-related pathogenesis.

---

### Collection Editor

Prof. T.K.S. Kumar

Department of Chemistry & Biochemistry, University of Arkansas,  
Fayetteville, AR 72701, USA

---



## Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 9.9  
Indexed in PubMed



[mdpi.com/si/59840](https://mdpi.com/si/59840)

*Cells*  
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 5.1  
CiteScore 9.9  
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

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

---

### 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 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).