

Special Issue

Emerging Cell Therapies and Regenerative Approaches in Pulmonary Medicine

Message from the Guest Editor

The increasing prevalence of chronic and acute lung diseases represents a significant global health challenge. In recent years, emerging cell therapies and regenerative approaches have shown great promise for the treatment of various pulmonary disorders, including pulmonary fibrosis, COPD, ARDS, and asthma. Among these, mesenchymal stem cells, epithelial progenitors, extracellular vesicles, and organoid-based models are being explored for their regenerative, anti-inflammatory, and immunomodulatory properties. This Special Issue will explore innovative strategies in pulmonary regenerative medicine, including the identification and optimization of therapeutic cell types, bioengineering techniques to enhance delivery and function, and translational models to assess efficacy and safety. We welcome contributions that investigate the mechanisms underlying lung repair, novel in vitro and in vivo models, and clinical insights into cell-based interventions for respiratory diseases.

Guest Editor

Dr. Renata Kelly Da Palma

Facultad de Ciencias de la Salud de Manresa, Universitat de Vic-
Universitat Central de Catalunya (UVic-UCC), Barcelona, Spain

Deadline for manuscript submissions

30 November 2025



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/237327

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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

Dental Basic Sciences, University of Minnesota, 308 Harvard 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, CAPus / 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 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).