

Special Issue

The Pivotal Role of Tumor Stem Cells in Glioblastoma

Message from the Guest Editors

We are delighted to announce the launch of a Special Issue of *Cells* on all aspects related to the theme of “The Pivotal Role of Tumor Stem Cells in Glioblastoma”. We invite you to contribute original research articles or reviews to share your cutting-edge research, insights, and innovation on new mechanistic, functional, cellular, biochemical, or general evidence of cancer stem cells in glioblastoma. Glioblastoma is one of the most complex, fast-growing, aggressive, and treatment-resistant cancers. The latest therapeutic approaches are rarely effective due to the presence of tumor stem cells (TSC) that play a crucial role in resistance and recurrence. TSCs can also strongly affect the tumor microenvironment, influencing all neighboring resident cell fate by genetic reprogramming and inducing some key stemness features. The precise molecular mechanisms underlying the intricate scenario of TSC are not yet fully understood. A deeper understanding of the TSCs' molecular and biological features could certainly allow us to define new, targeted, and more effective therapeutic approaches to overcome cancer resistance to improve survival rate and treatment response.

Guest Editors

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Deadline for manuscript submissions

30 April 2025



Cells

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 9.9
Indexed in PubMed



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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 17 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024).