

Special Issue

Molecular and Cellular Underpinnings of Cancer Vulnerability

Message from the Guest Editors

It has become apparent that the molecular and cellular components associated with vulnerability to cancer are uniquely dependent on the type of cancer and whether the tumor has metastasized to specific organ sites in the patient. The accurate selection of cancer targets and their most effective treatments requires rapid access not only to molecular and cellular analysis of the tumor but also a comparative profile of various treatments that have proved effective against specific genomic alterations. This Special Issue will highlight the differential expression of genes and their mutations as well as cellular alterations that constitute diverse cancers and discuss the impact of the vulnerabilities in various geographical regions of the world. Correlation of driver traits with overall survival and/or progression-free survival outcomes will also be included to guide global oncology researchers and clinicians to identify cancer-specific molecular and cellular alterations and response to treatment in diverse parts of the world.

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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 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).