

Special Issue

The Regulation of Heterogeneous Cellular Population in Cancers: Single-Cell Analysis

Message from the Guest Editor

Cancer is a common fatal human disease, and often has a high degree of both intra- and inter-tumor heterogeneity. It also involves a complex tumor microenvironment, which consists of different immune and stromal components that interact with malignant cells to shape the favorable cellular and molecular landscapes that support tumor development. Traditional analytical strategies have their inherent limitations, and the emergence of single-cell sequencing enables comprehensive investigations to be conducted in an unprecedented level of detail. Given the merits of single-cell sequencing approaches, an increasing number of studies are adopting the method.

For the Special Issue, we will focus on various aspects of single-cell investigations in cancer, ranging from basic to translational perspectives. The Special Issue will act as a research platform, bringing together a collection of original research articles, reviews, and communications covering any topics related to single-cell investigations of cancer, including but not limited to, tumor heterogeneity, cellular and molecular landscapes, cell-cell interactions, mechanistic delineation, animal models and/or biomarker discovery.

Guest Editor

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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).