

Special Issue

Cancer Stem Cells (CSC)

Message from the Guest Editor

Cancer stem cells (CSCs) are considered the root of primary and acquired therapy resistances associated with disease progression and poor clinical outcomes in cancer patients. Therefore, an elucidation of the key molecular mechanisms regulating CSC activities could help with the development of novel biomarkers and therapeutic targets to predict or combat the most aggressive malignant tumors in patients. The following aspects of the subject area will be highlighted in this Special Issue:

- signalling pathways;
- CSCs in treatment failure;
- CSC metabolism;
- circadian rhythms in CSCs;
- CSCs and microenvironmental factors;
- biological, biochemical, and pathological methods allowing CSC identification within malignant tumors;
- pediatric tumors and CSCs;
- epigenetic factors in CSC formation;
- glioblastoma stem cells;
- chemical agents against CSCs;
- translational oncology

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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