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Cancer Stem Cells and Drug Resistance

Collection Editor:

Dr. Giovanni Amabile

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Message from the Collection Editor

Dear Colleagues,

Cancer stem cells (CSCs) are a special subgroup of tumor cells and are suggested to be responsible for drug resistance and cancer relapse, mainly due to their ability to both self-renew and resist drug targeting. In the last few years, the scientific community has dedicated significant effort to generating new strategies to eradicate this population to sensitize the tumor to new therapies. Unfortunately, this cell population still represents the cause of several treatment failures. For this collection, entitled “Cancer Stem Cells and Drug Resistance”, we welcome original research contributions that focus on advances and novel strategies to overcome drug resistance driven by cancer stem cells, as well as other challenges and new findings in the field of cancer stem cell research.

Dr. Giovanni Amabile

Guest Editor



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Topical Collection



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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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