Tackling Cancer Stem Cells and Their Involvement in Therapy Resistance

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Message from the Guest Editors

Many advances have been achieved in treating patients afflicted with cancer but, in many cases, a relapse is concomitantly observed with resistance to therapy. Cancer stem cells are a small cell population that have the ability to self-renew and produce new tumors, and are resistance to therapy. They are involved in invasion and metastasis, which are some of the hallmarks of cancer. We must better understand how they function, the pathways upon which they rely, and the metabolic features for each cancer. To study them, more accurate markers must be defined, which remains challenging for some cancers. All the above are fundamental for advances in designing specific cancer stem cell inhibitors, including that could be used in combination with standard of care treatments for more precise medicine.

This Special Issue aims to highlight the latest discoveries in treating and understanding the ruling mechanisms in the cancer stem cell research field.

Special Issue

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Message from the Editor-in-Chief

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