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Novel Insights on Cancer Stem Cells

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Message from the Guest Editor

Dear Colleagues,

Cancer stem cells (CSCs) or cancer-initiating cells are an aggressive subpopulation present in a range of 1/1000 to 5–10/100 in the tumor bulk of different cancer types, including thyroid cancer and colorectal cancer, respectively. It has been demonstrated that this subpopulation is endowed with high metastatic potential and characterized by high expression levels of efflux pumps, self-renewal capacity and therapy resistance. Standard treatments fail to effectively impair tumor growth because of the persistence of this small subpopulation. The development of innovative therapeutic approaches that specifically target CSCs is urgently needed.

In this Special Issue entitled “Novel Insights on Cancer Stem Cells”, we encourage the submission of original research papers and reviews regarding the most recent advances focused on unravelling innovative therapeutic strategies targeting CSCs or mechanisms regulating CSC maintenance, epigenetic reprogramming and resistance to therapy.

Dr. Veronica Veschi
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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