

CLINICAL AND RESEARCH VALUE OF CANCER STEM CELLS

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DESCRIPTION

Cancer stem-like cells (CSCs) are a small population of tumor cells that are capable of self-renewal and producing heterogeneous lineages of cancer cells that comprise the tumor. CSCs are a unique biological subpopulation of cancer cells that could survive indeterminately. Those cells are characterized by the expression of gene sets associated with embryonic stem cells, the activation of multidrug resistance (MDR) and/or DNA-damage response (DDR) systems. Therefore, CSCs are believed to be associated with tumor relapse, metastasis and resistance to treatment.

The research on Cancer Stem-like cells vary from in vitro studies to clinical trials. This special issue spans CSCs biology, characterization and clinical value in all types of malignancy. We look forward to contributions from researchers worldwide. We welcome reviews, research articles, case reports, letters to editor.

HOW TO SUBMIT

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