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Cancer stem cells: 20 years behind

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Abstract

The biology of cancer stem cells (CSC) has been investigated and debated for past 20 years. Owning to their exceptional plasticity and the complexity of controlled processes CSC inspire the development of new research techniques for cell isolation and targeted therapy. This review is an attempt to summarize recent data and trends in the field of cancer stem cells and discuss potential and weaknesses of new research techniques.

Keywords

cancer signalling pathways, cancer stem cell markers, cancer stem cells, cancer therapy., tumor