

综述

Breast cancer stem like cells and breast cancer therapy

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摘要 Until the early 1990s, human cancers were considered a morphologically heterogeneous population of cells. In 1997, Bonnet *et al* demonstrated that a small population of leukemia cells was able to differentiate *in vivo* into leukemic blasts, indicating that the leukemic clone was organized as a hierarchy; this was subsequently denoted as cancer stem like cells (CSCs). CSCs are cancer cells that possess characteristics associated with normal stem cells and have the specific ability to give rise to all cell types found in a particular cancer. One reason for the failure of traditional anti tumor therapies might be their inability to eradicate CSCs. Therefore, therapies must identify and destroy CSCs in both primary and metastatic tumors.

关键词 [Breast cancer stem cells](#) [Signaling pathway](#) [Resistance](#)

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