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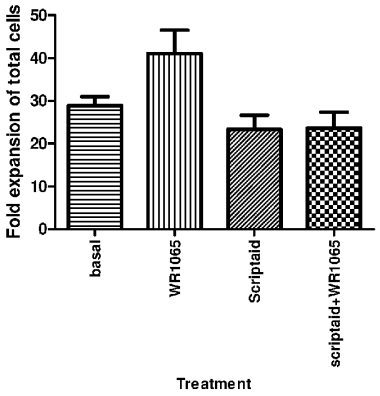
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(54) Title: HEMATOPOIETIC STEM CELL EXPANSION METHOD

Figure 1



(57) Abstract: A method to expand hematopoietic stem and progenitor cells (HSPC) wherein the method comprises obtaining an isolated population of HSPC the culturing the isolated population of HSPC in the presence of a histone deacetylase inhibitor (HDAC inhibitor), to form a cultured population, then adding an aminothiol compound to the cultured population.