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ACTION

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(54) Title: BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER RECEPTOR

(57) Abstract: Methods and compositions for stimulating the growth, proliferation, differentiation and/or mobilization of stem and/or progenitor cells are described. The method involves administering an effective amount of a substance which can activate the CD163 hemoglobin scavenger receptor signal transduction pathway. The methods and compositions are useful in stimulating hematopoiesis and in treating a wide range of conditions including cytopenias, anemias and for use in preparing cells for transplantation.