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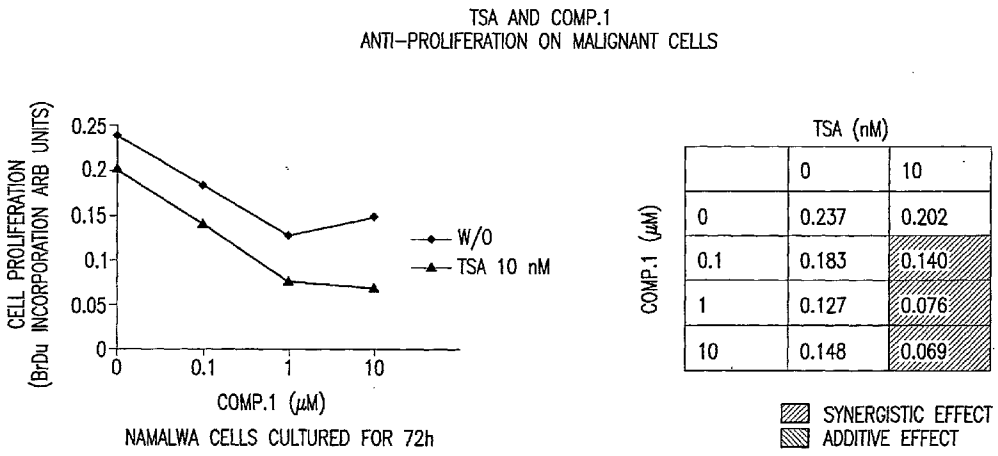
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(54) **Title:** METHODS AND COMPOSITIONS USING IMMUNOMODULATORY COMPOUNDS IN COMBINATION THERAPY



(57) **Abstract:** Provided herein are compositions comprising one or more immunomodulatory compounds and valproic acid, hydroxyurea or trichostatin A, methods for their use in CD34+ hematopoietic stem cell expansion *in vitro* and *in vivo* for bone marrow reconstitution and bone marrow transplantation, increasing fetal hemoglobin expression, and methods for treating, preventing and/or managing cancer, tumors and hematological diseases and disorders.

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