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(54) Title: COMPOSITIONS AND METHODS FOR INCREASING TELOMERASE ACTIVITY

(57) Abstract: The present invention relates to methods and compositions for increasing telomerase activity in cells. Such compositions include pharmaceutical, including topical, and nutraceutical formulations. The methods and compositions are useful for treating diseases subject to treatment by an increase in telomerase activity in cells or tissue of a patient, such as, for example, HIV infection, various degenerative diseases, and acute or chronic skin ailments. They are also useful for enhancing replicative capacity of cells in culture, as in ex vivo cell therapy and proliferation of stem cells.



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