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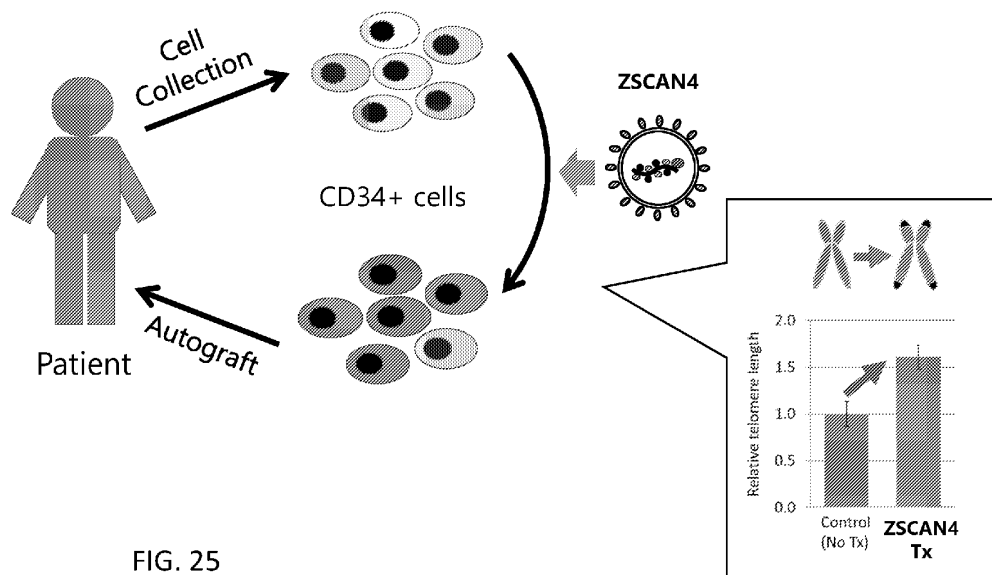


FIG. 25

(57) Abstract: The present disclosure relates to methods for transiently activating temperature-sensitive agents in one or more cells, for example by contacting one or more cells with a temperature-sensitive agent and transiently incubating the cells at a permissive temperature for inducing an activity of the temperature-sensitive agent in the cells. Additionally, the present disclosure relates to methods of contacting one or more cells in a subject with a temperature-sensitive agent and then lowering the subject's body temperature to a permissive temperature for inducing an activity of the temperature-sensitive agent in the cells. The disclosure also relates to methods of treating a subject with a temperature-sensitive therapeutic agent. In particular, the disclosure provides tools for temperature-sensitive delivery of ZSCAN4 nucleic acids and proteins to cells.

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