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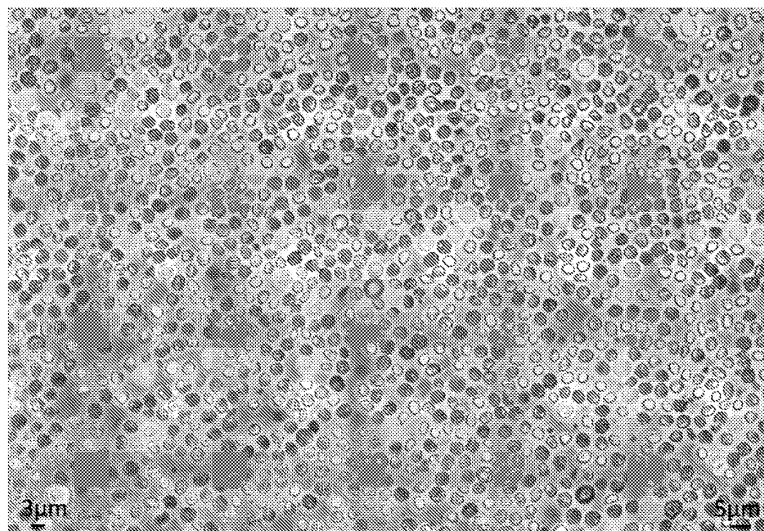
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(54) Title: HUMAN PLURIPOTENT ADULT STEM CELLS

FIG. 1



(57) Abstract: Certain populations of small cells present in adult human tissue can undergo activation/development to form human pluripotent stem cell populations. These small cells are generally less than six micrometers in diameter and are CD49f⁺-positive, and are referred to herein as human early stage precursors or CD49f⁺ cells. Accordingly, provided are cell populations and compositions with enriched CD49f⁺ cells from adult human tissue samples and methods and compositions for promoting activation/development of these CD49f⁺ cells. Upon differentiation, the activated stem cells can be used for various therapeutic purposes.

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