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- (71) **Applicants:** AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis North Tower, Singapore 138632 (SG). PANTHERA LABS PTE. LTD. [SG/SG]; 3 LITTLE ROAD, #07-02 CRF BUILDING, Singapore 536982 (SG).
- (72) **Inventors:** TEO, Kee Keong Adrian; c/o 61 Biopolis Drive, Proteos #06-07, Singapore 138673 (SG). TAN, Lay Shuen; c/o 61 Biopolis Drive, Proteos #06-07, Singapore 138673 (SG). CHEN, Juin Ting; c/o 61 Biopolis Drive, Proteos #06-07, Singapore 138673 (SG). LIM, Kah Meng; c/o 3 Little Road #07-02, Singapore 536982 (SG).
- (74) **Agent:** AMICA LAW LLC; 77 Robinson Road, #22-01 Robinson 77, Singapore 068896 (SG).
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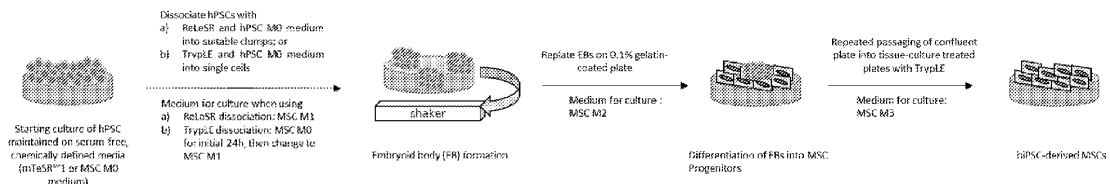


Figure 1

- (57) **Abstract:** The present invention relates generally to the field of pluripotent stem cell. In particular, the invention relates to a serum-free method for differentiating pluripotent stem cells into multipotent mesenchymal stem cells (MSCs). The invention also relates to serum-free composition for differentiating pluripotent stem cells into multipotent MSCs, the composition comprising Dulbecco's Modified Eagle Medium (DMEM), KnockOut™ serum (KOSR), and GlutaMAX.

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