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(71) Applicant *(for all designated States except US)*: **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10, Connexis, Singapore 138632 (SG).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHOO, Boon Hwa Andre** [SG/SG]; c/o Bioprocessing Technology Institute, 20 Biopolis Way, #06-01, Centros, Singapore 138668 (SG). **FONG, Wey Jia** [SG/SG]; c/o Bioprocessing Technology Institute, 20 Biopolis Way, #06-01, Centros, Singapore 138668 (SG).

(74) Agent: **YU SARN AUDREY & PARTNERS**; 24 Raffles Place, #27-01, Clifford Centre, Singapore 048621 (SG).

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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

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(54) **Title**: USE OF MARKERS OF UNDIFFERENTIATED PLURIPOTENT STEM CELLS

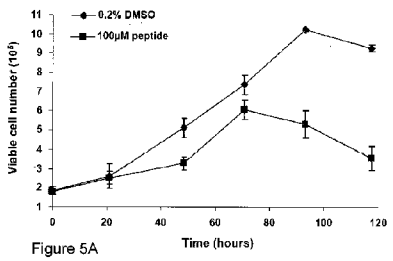


Figure 5A

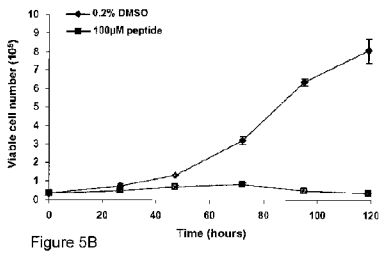


Figure 5B

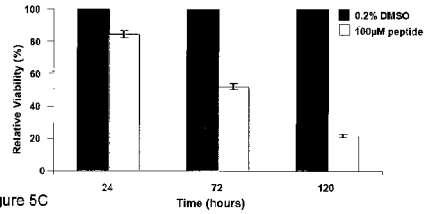


Figure 5C

(57) **Abstract**: The disclosure relates to methods of binding and identifying undifferentiated pluripotent stem cells and particularly, although not exclusively, to use of binding moieties which bind to PHB on the surface of undifferentiated pluripotent stem cells, such as PHB-binding peptides, and to methods for depleting undifferentiated stem cells from a sample.

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