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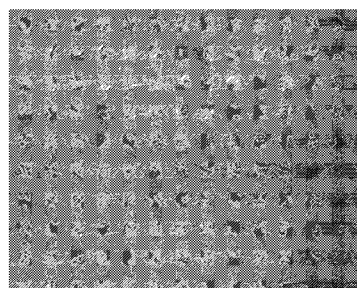
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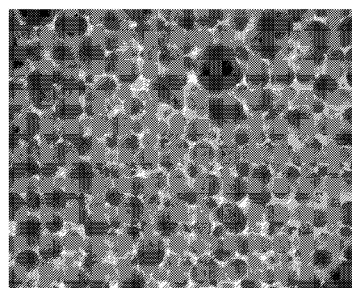
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(54) Title: SUSPENSION AND CLUSTERING OF HUMAN PLURIPOTENT STEM CELLS FOR DIFFERENTIATION INTO PANCREATIC ENDOCRINE CELLS

Figure 1a



Immediately after lifting

24 hours in
non-adherent static culture

(57) Abstract: The disclosure provides methods of preparing aggregated pluripotent stem cell clusters for differentiation to endo-derm progenitor cells, pancreatic endocrine cells, mesoderm cells or ectoderm cells. Specifically, the disclosure provides methods of differentiating pluripotent cells into beta cell, cardiac cell and neuronal cell lineages using suspension clustering. The methods involve preparing the aggregated cell clusters followed by differentiation of these clusters.