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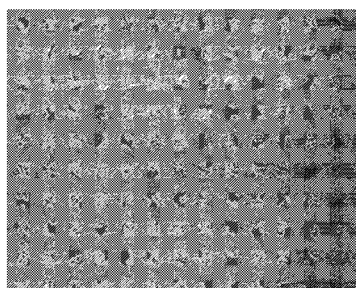
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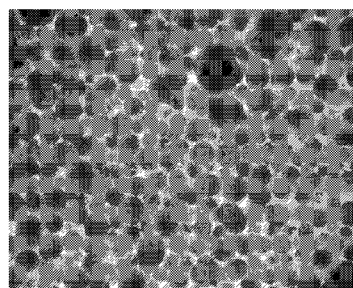
- without international search report and to be republished upon receipt of that report (Rule 48.2(g))
- with information concerning one or more priority claims considered void (Rule 26bis.2(d))

(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 present invention provides methods of preparing aggregated pluripotent stem cell clusters for differentiation. Specifically, the invention discloses 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.

