

hES cells /feeders



SR
+bFGF

hES cells /matrigel

1day



SR
+bFGF

T0

Suspension

T1

T4

T8

Aggregation



Induction 1



Induction 2



Differentiation

Serum free
+BMP-4 10ng
-bFGF

Serum free
+BMP-4 10ng
+bFGF 5ng

Serum free
+BMP-4 10ng
+bFGF 5ng
+VEGF 10ng

10 cell aggregates

Embryoid Bodies

Embryoid Bodies