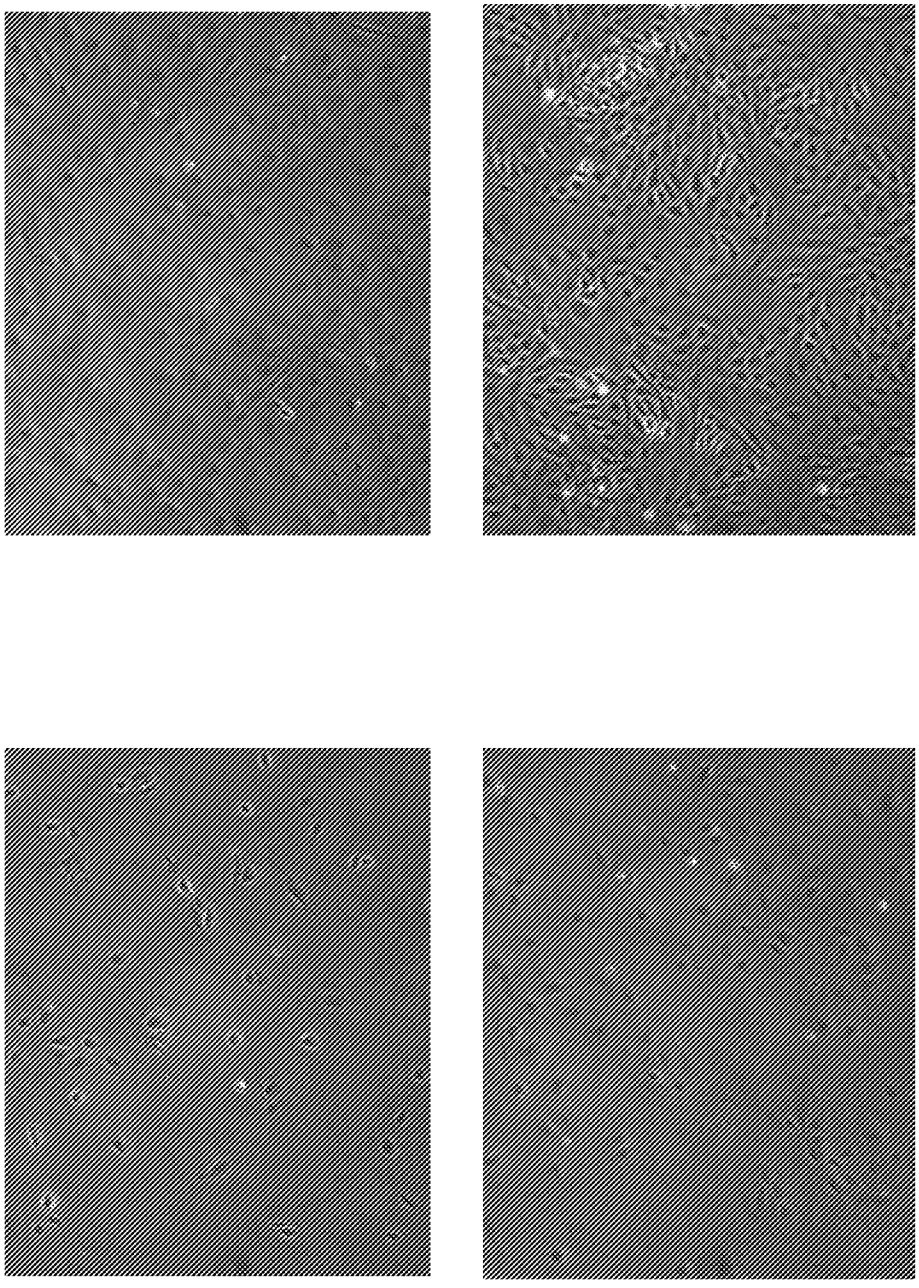


FIG. 1A

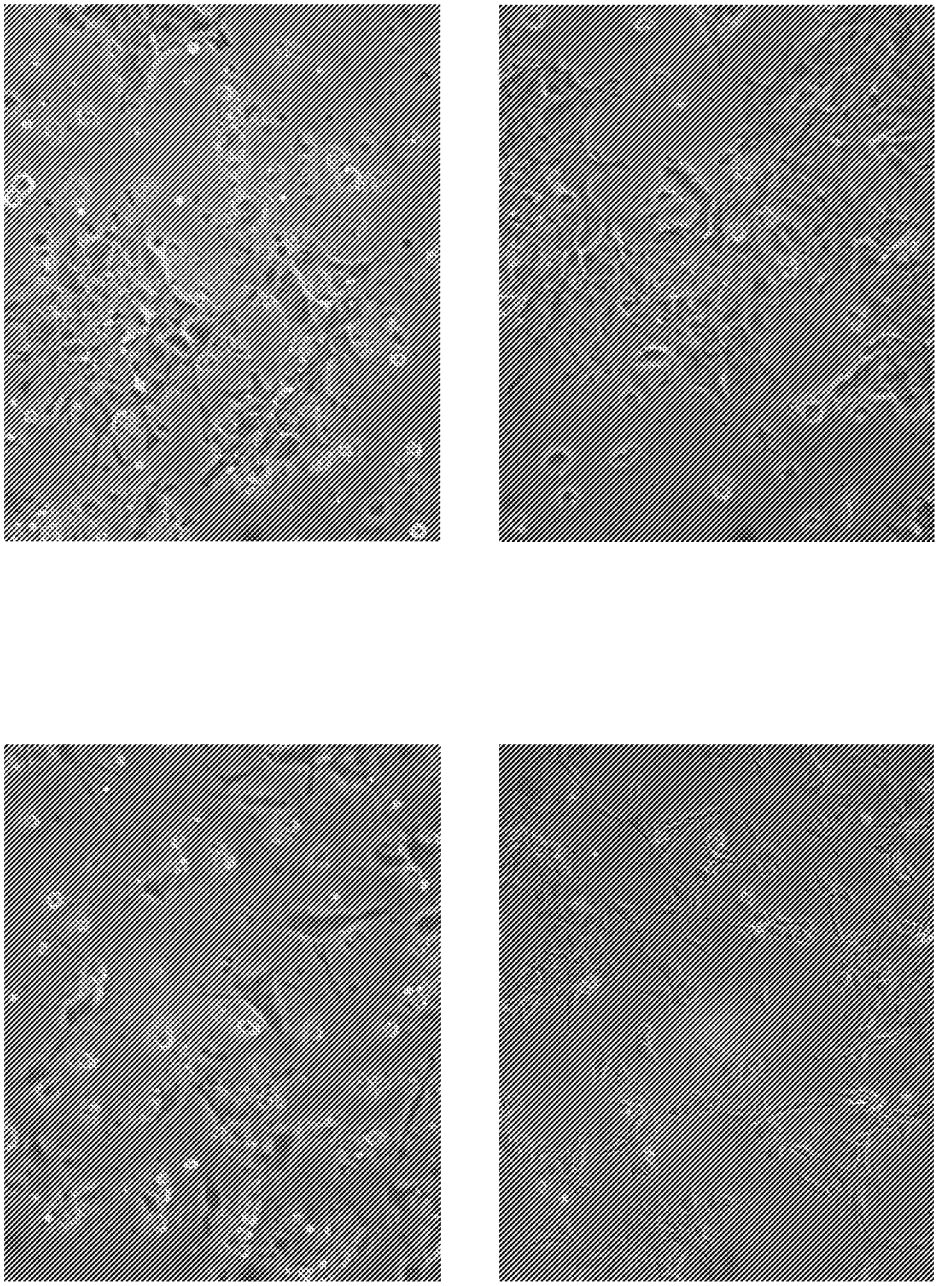


FIG. 1B

FIG. 2A

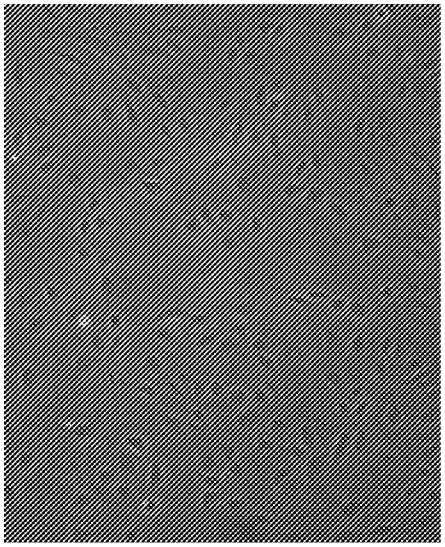


FIG. 2B

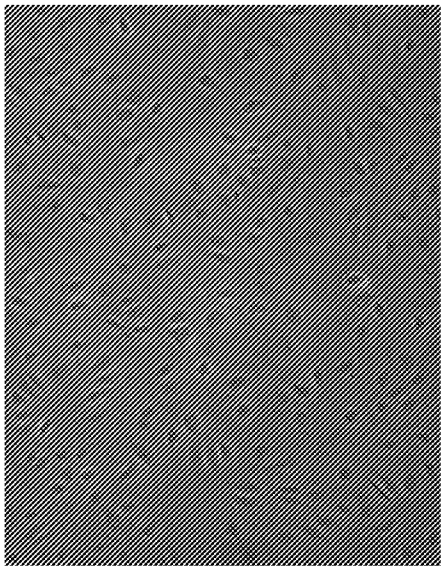


FIG. 2C

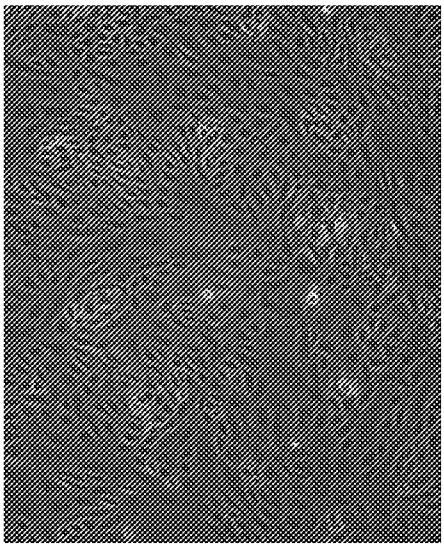


FIG. 2D

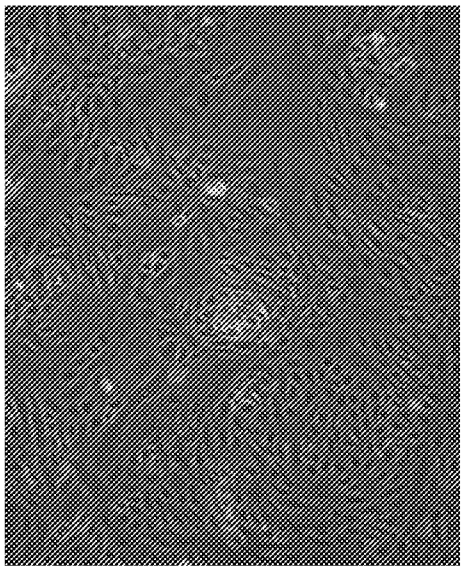




FIG. 3C

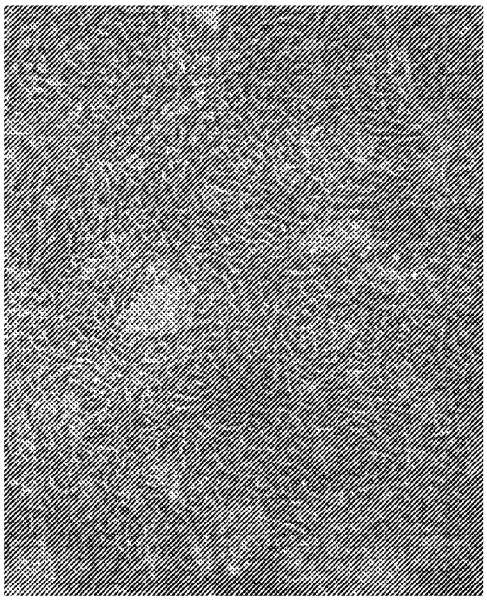


FIG. 3B



FIG. 3A

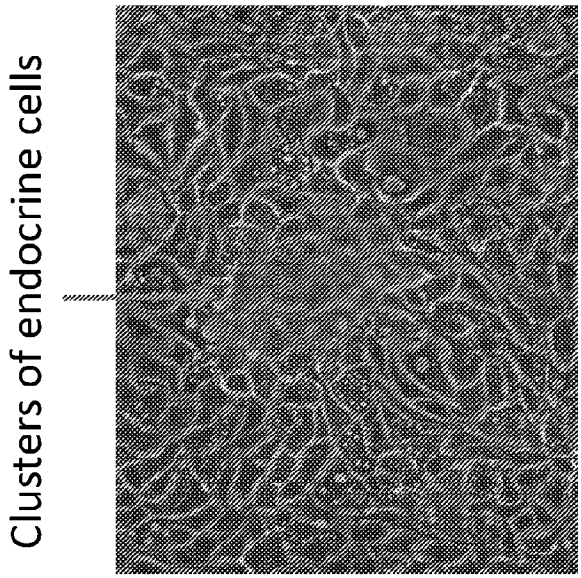



FIG. 4C

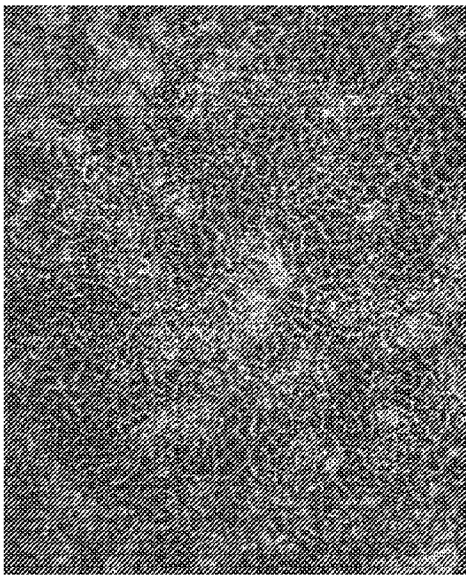


FIG. 4B

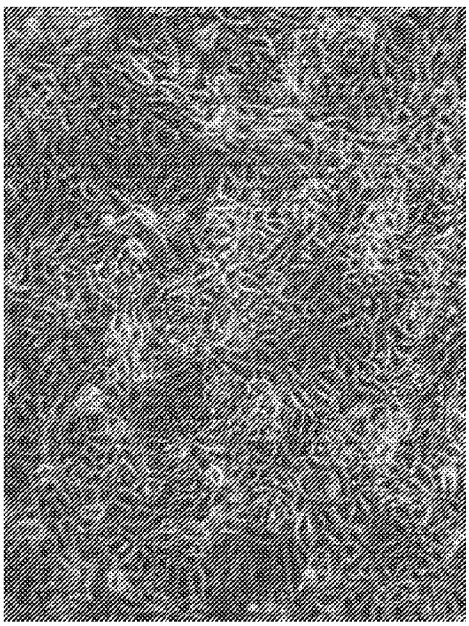


FIG. 4A

FIG. 5B

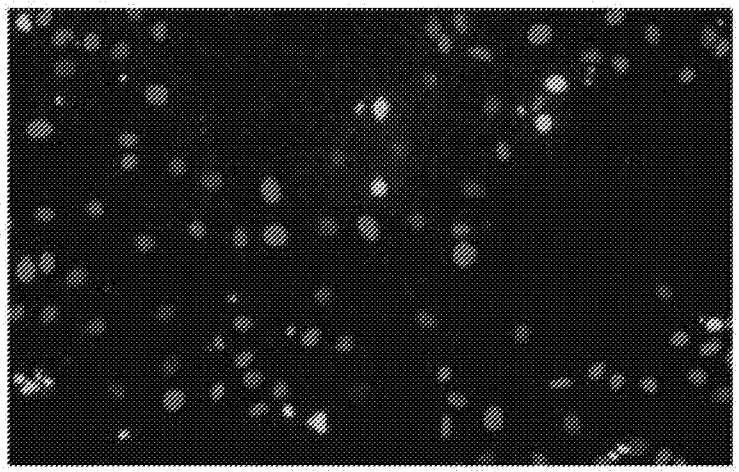


FIG. 5A

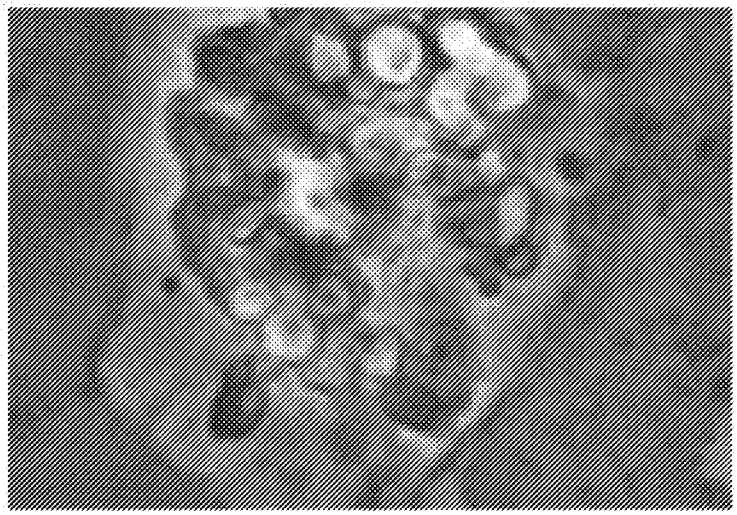


FIG. 6B

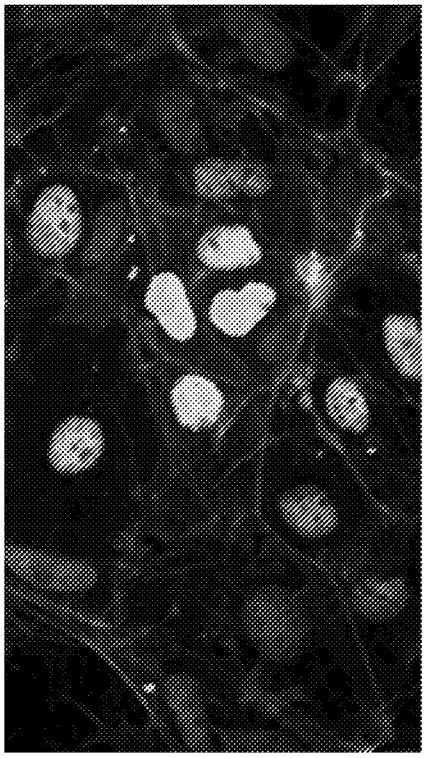


FIG. 6D

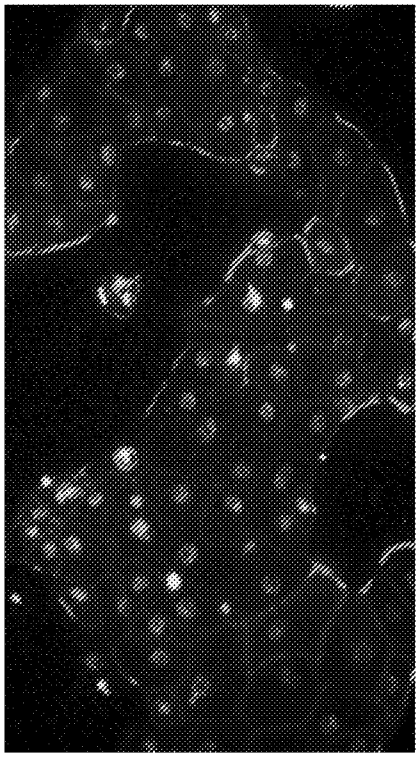


FIG. 6A

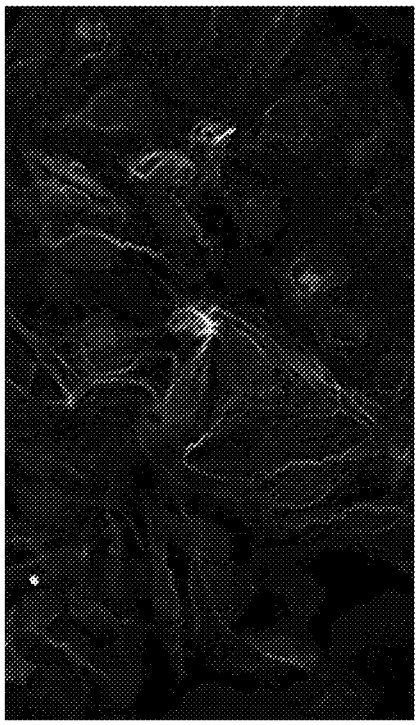


FIG. 6C

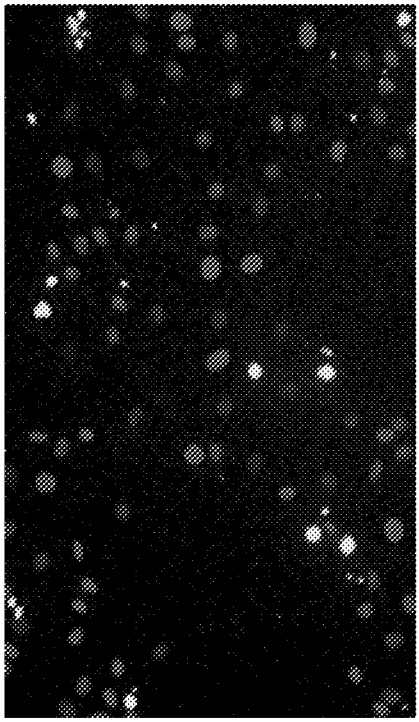


FIG. 7

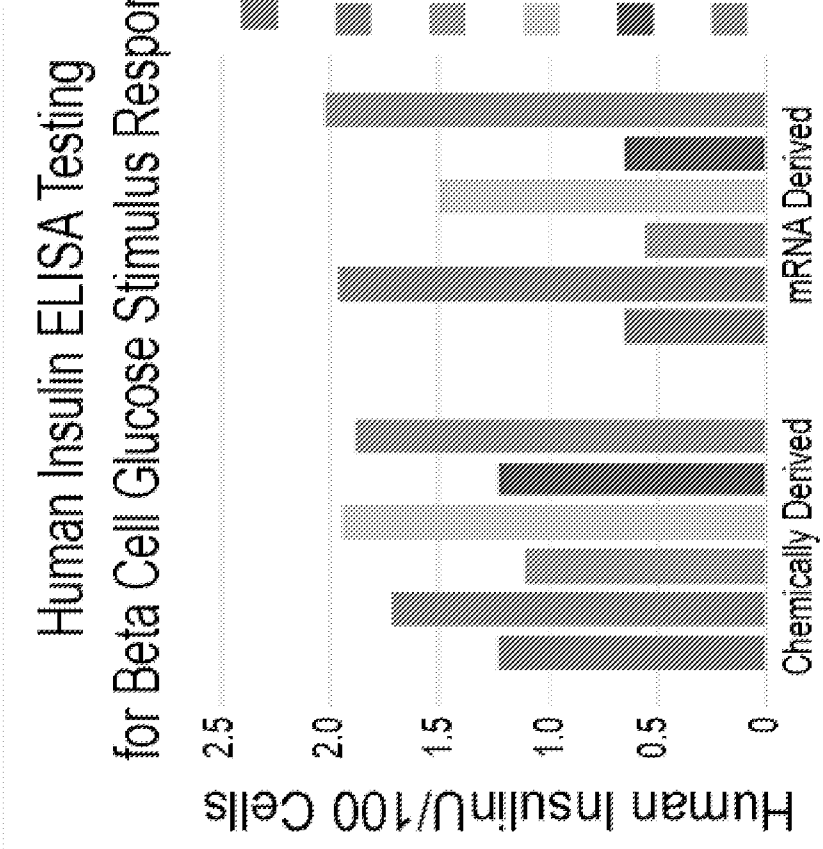

Human Insulin ELISA Testing
for Beta Cell Glucose Stimulus Response
Human InsulinU/100 Cells
2.5
2.0
1.5
1.0
0.5
0
1st 2mM
1st 20mM
2nd 2mM
2nd 20mM
3rd 2mM
3rd 20mM
Chemically Derived
mRNA Derived

FIG. 8A

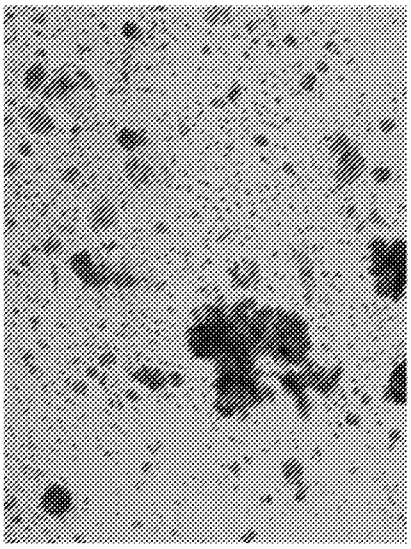


FIG. 8B

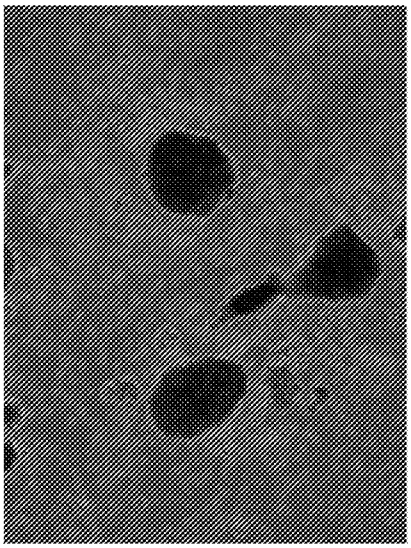


FIG. 8C

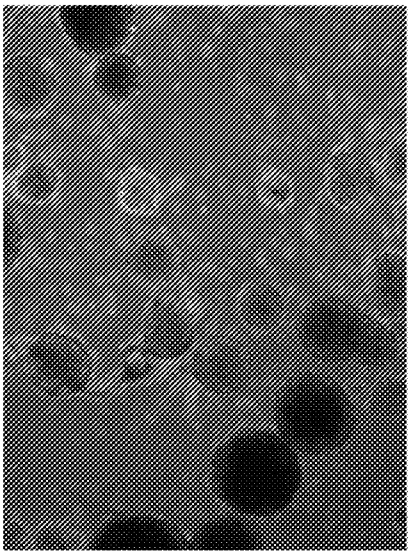
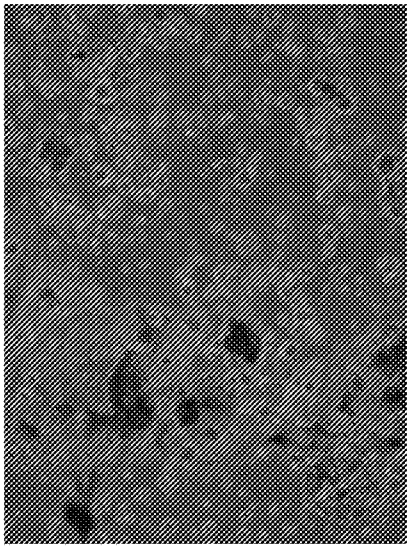
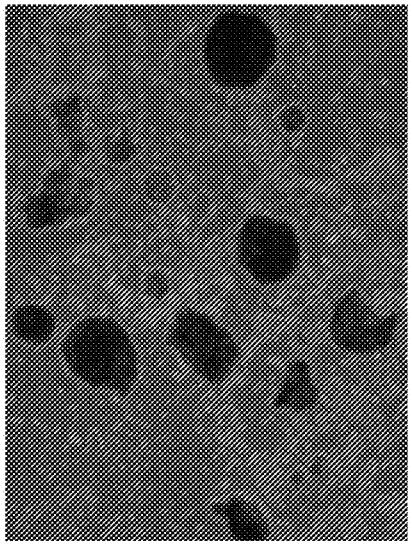


FIG. 8D



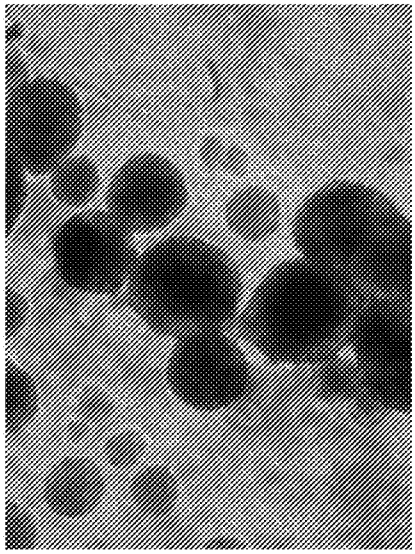
Sox17 mRNA

FIG. 8E



Pax6 mRNA

FIG. 8F



Mock

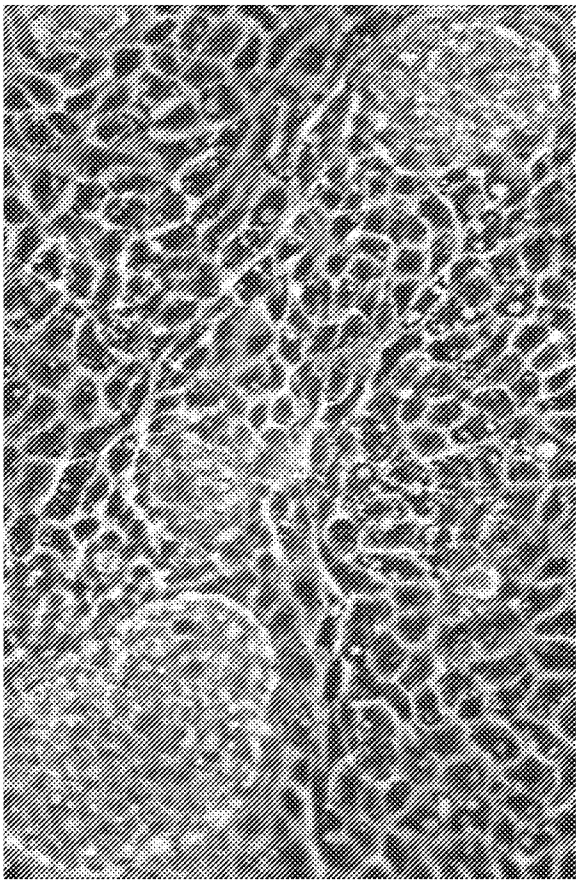


FIG. 9B

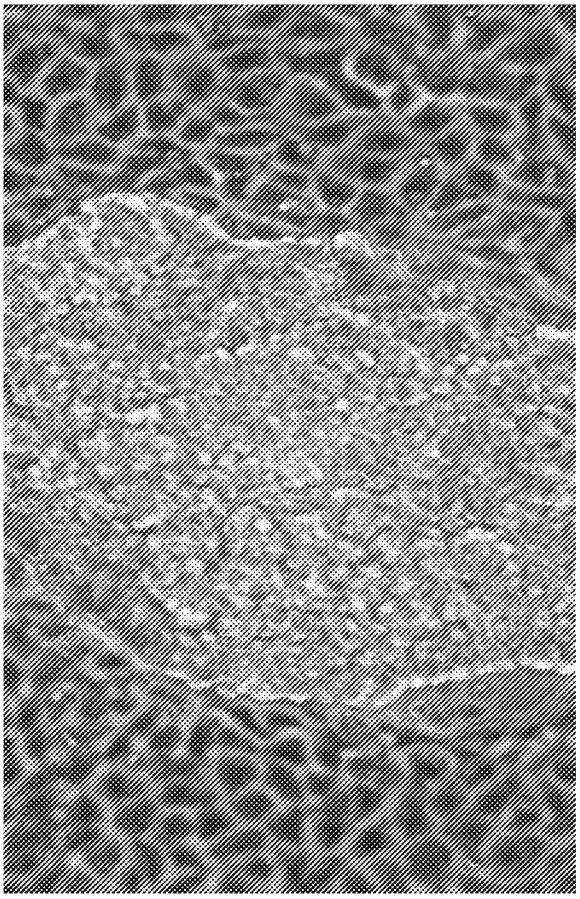


FIG. 9A