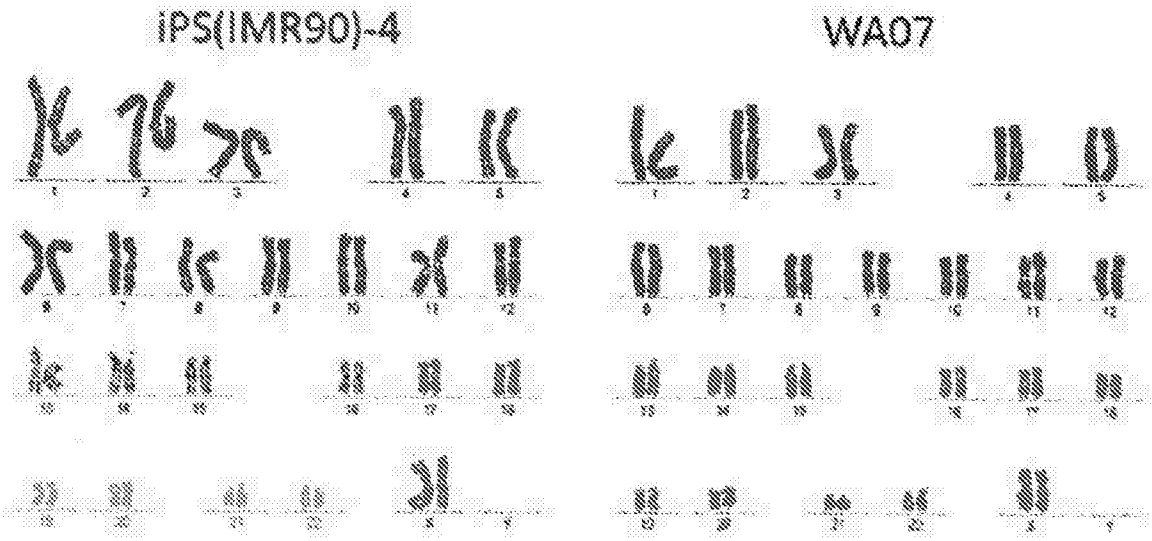


Figure 1

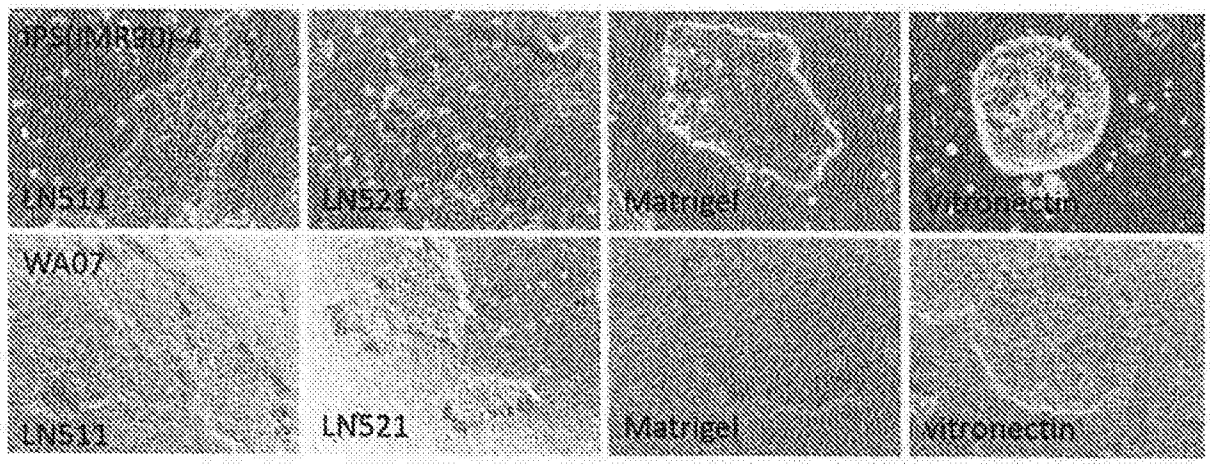


Figure 2

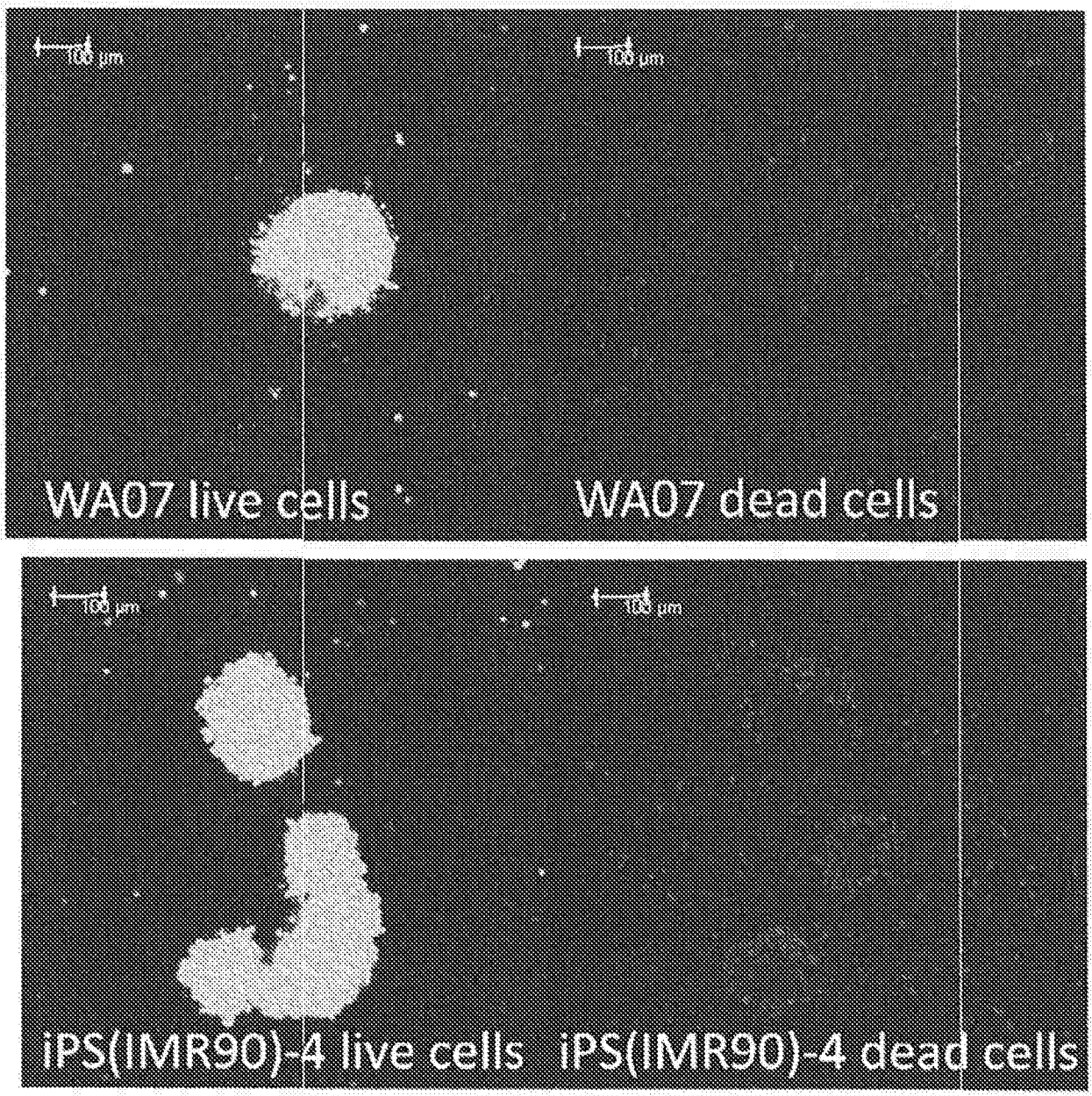

100 µm
100 µm
WA07 live cells
WA07 dead cells
100 µm
100 µm
iPS(IMR90)-4 live cells
iPS(IMR90)-4 dead cells

Figure 3

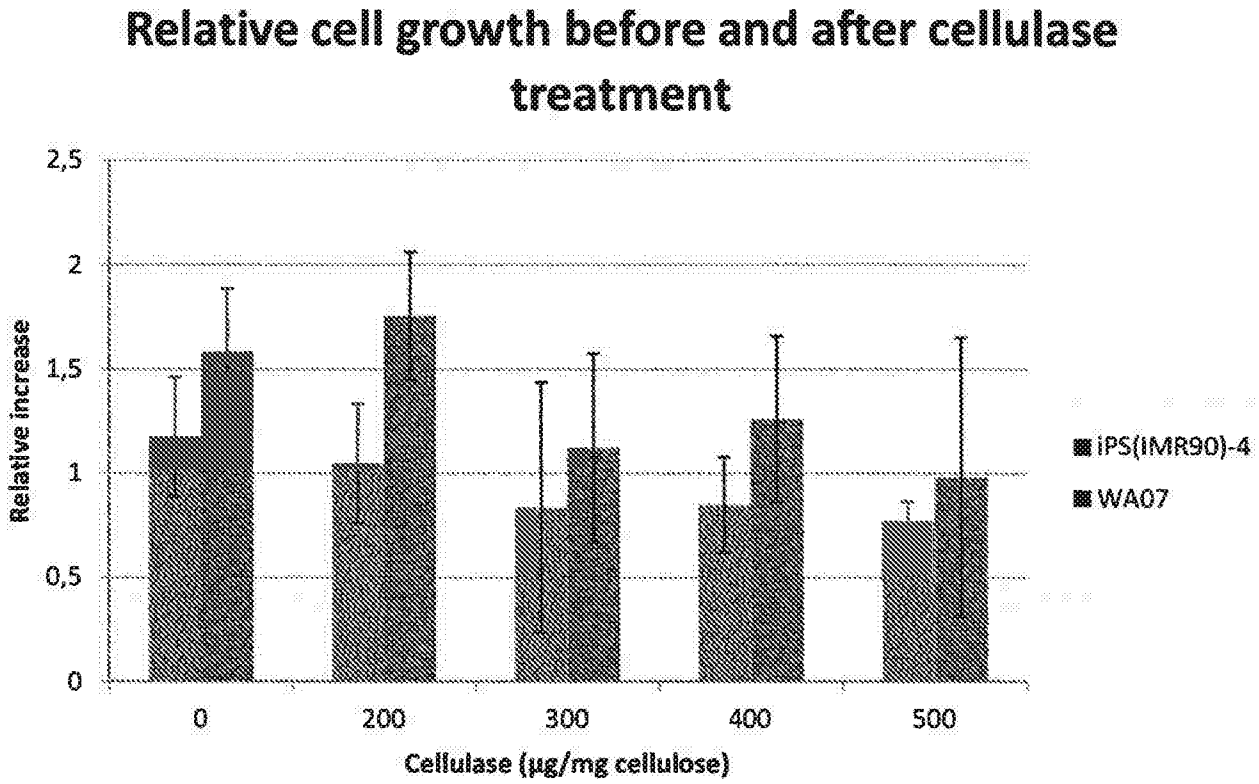


Figure 4

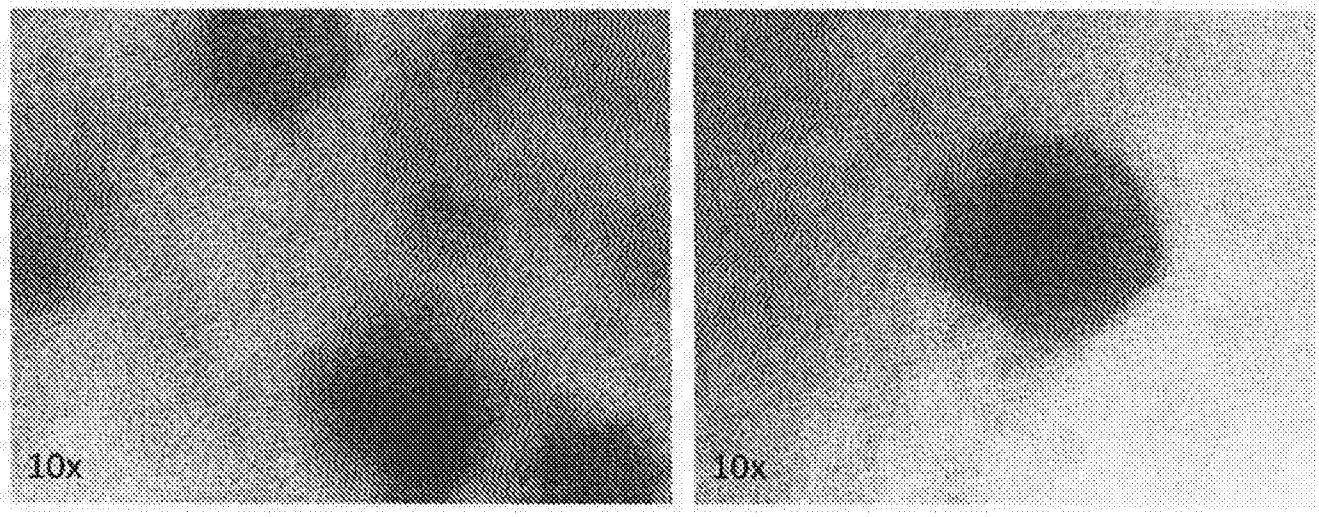


Figure 5

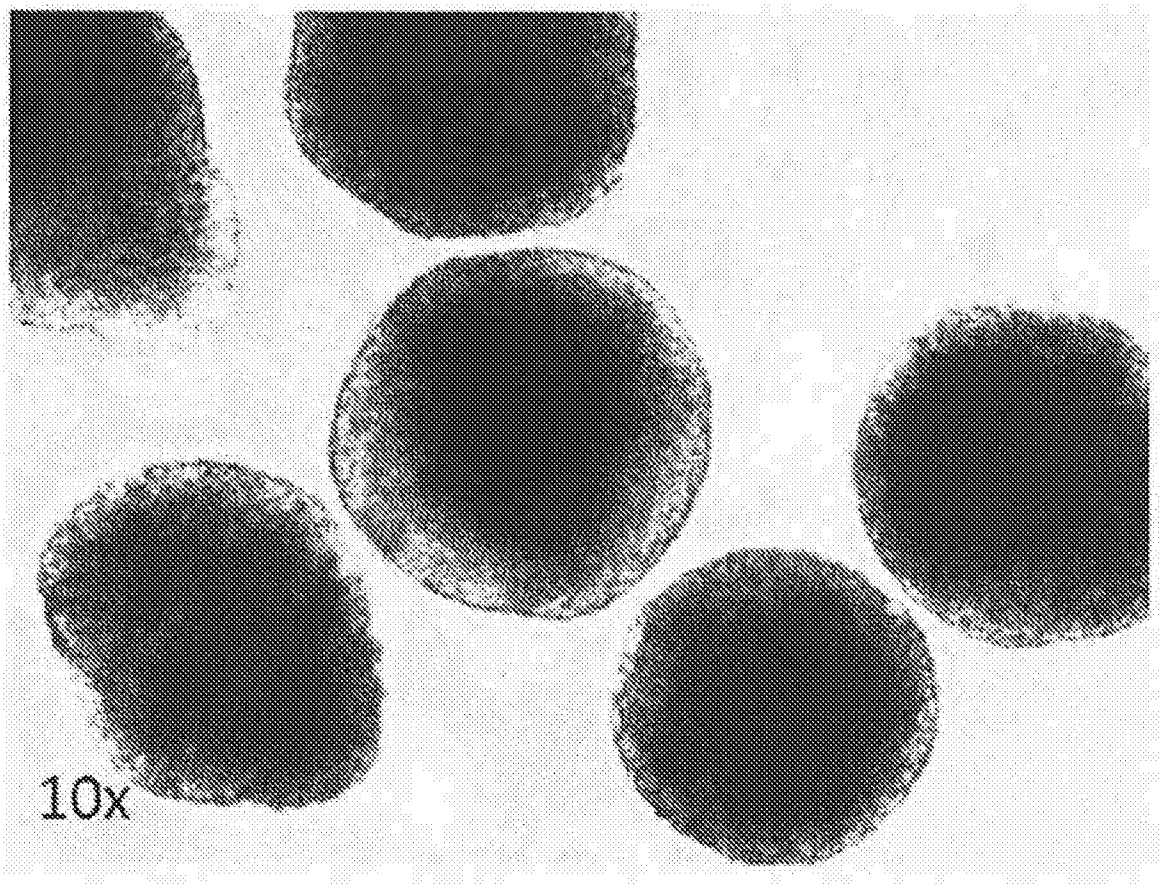


Figure 6

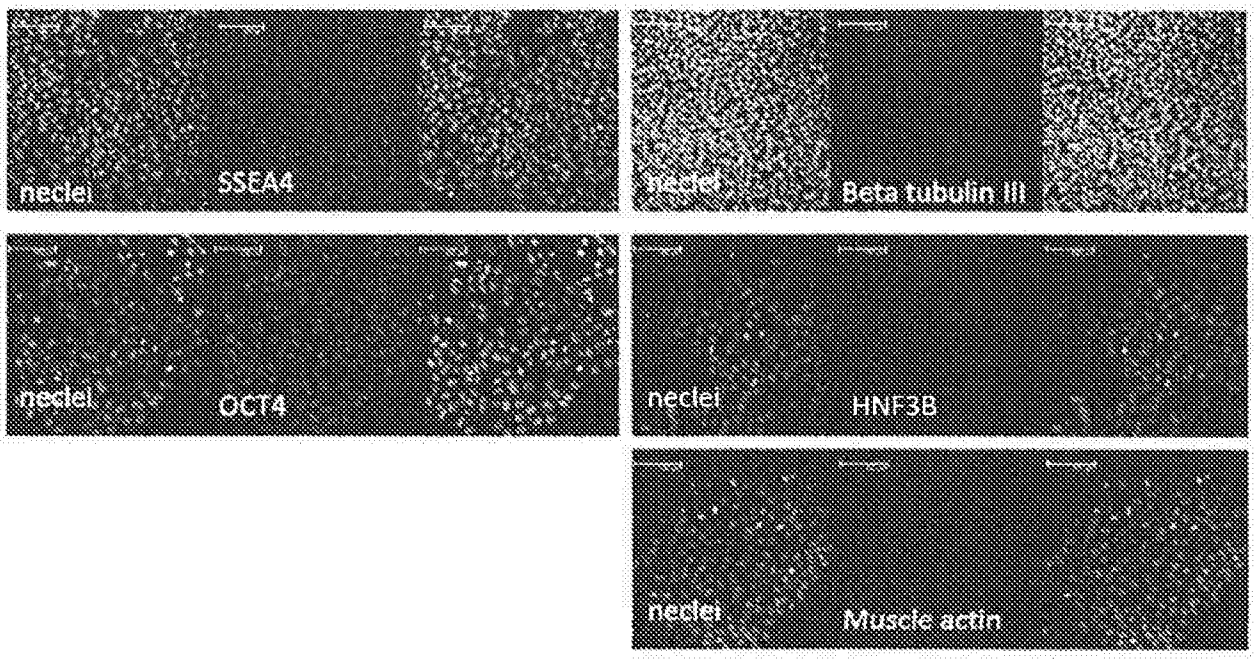


Figure 7

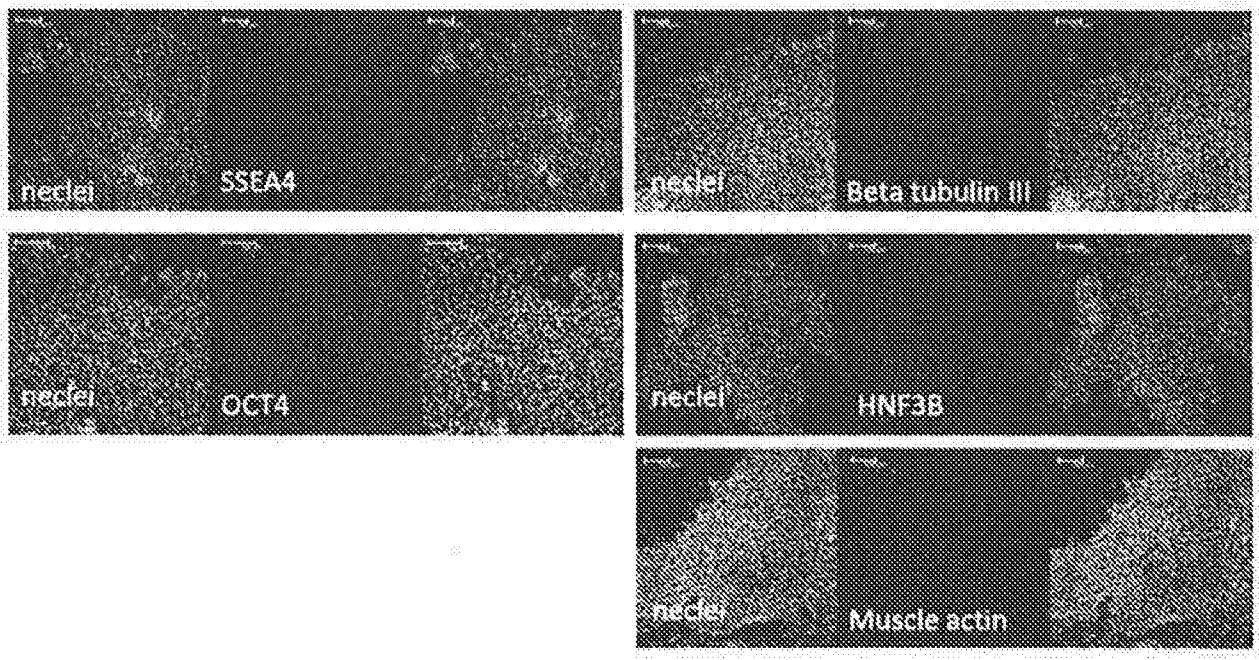


Figure 8

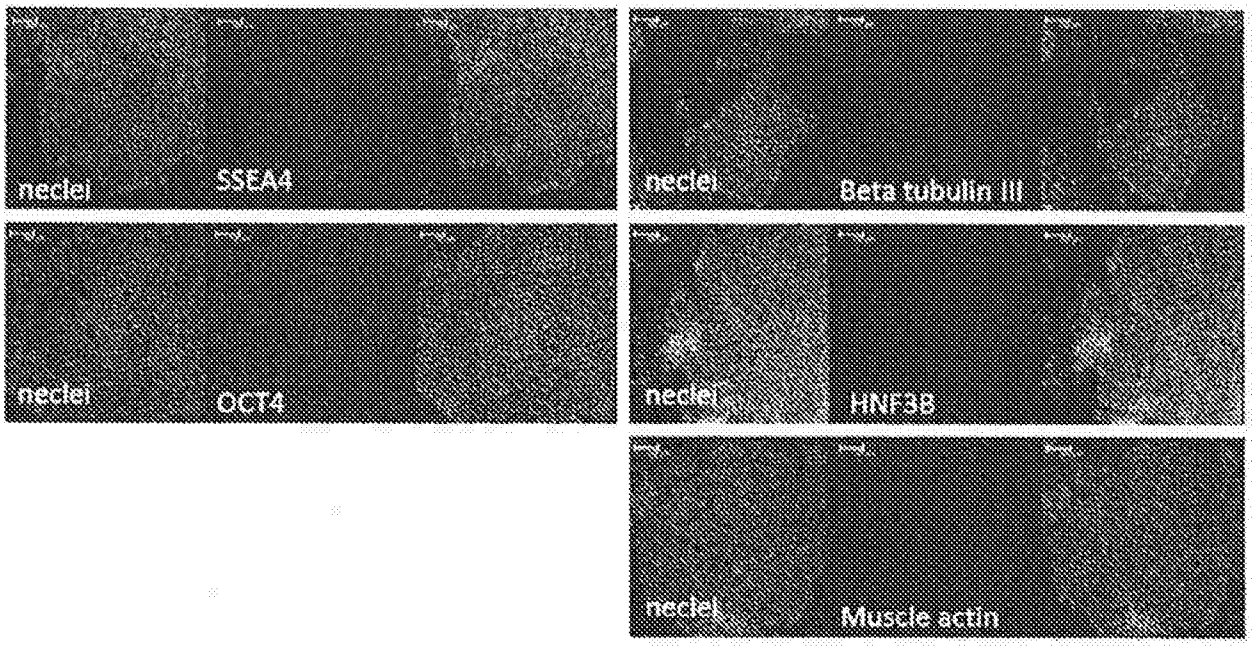


Figure 9

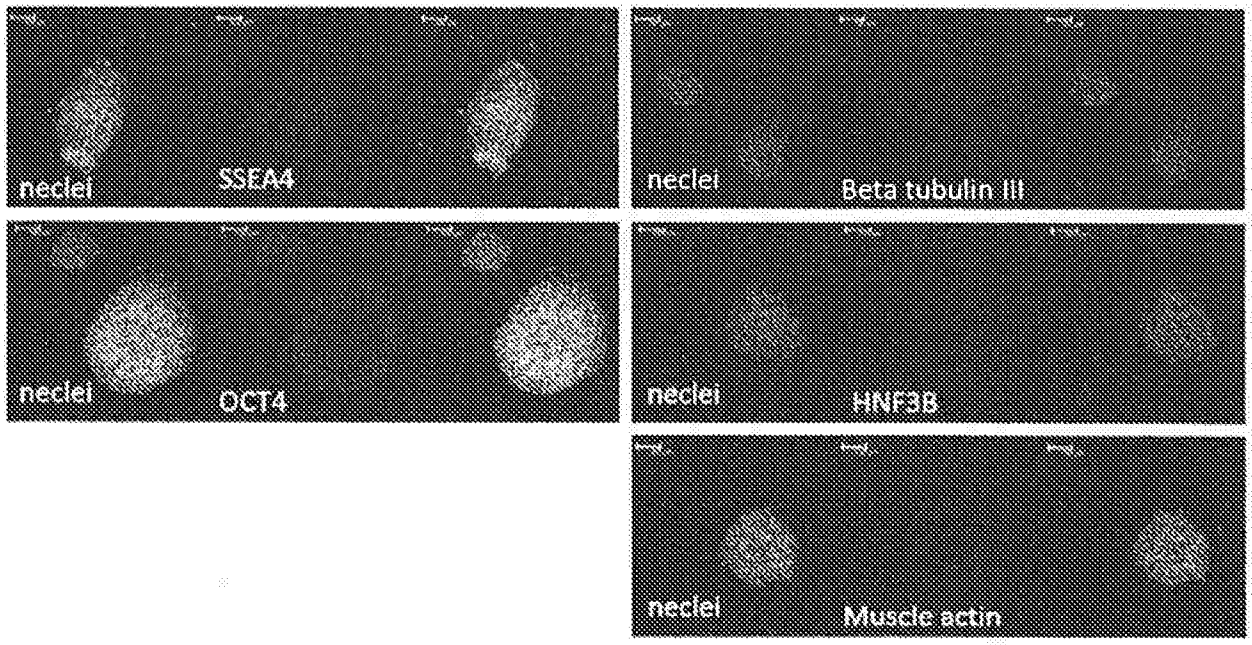


Figure 10

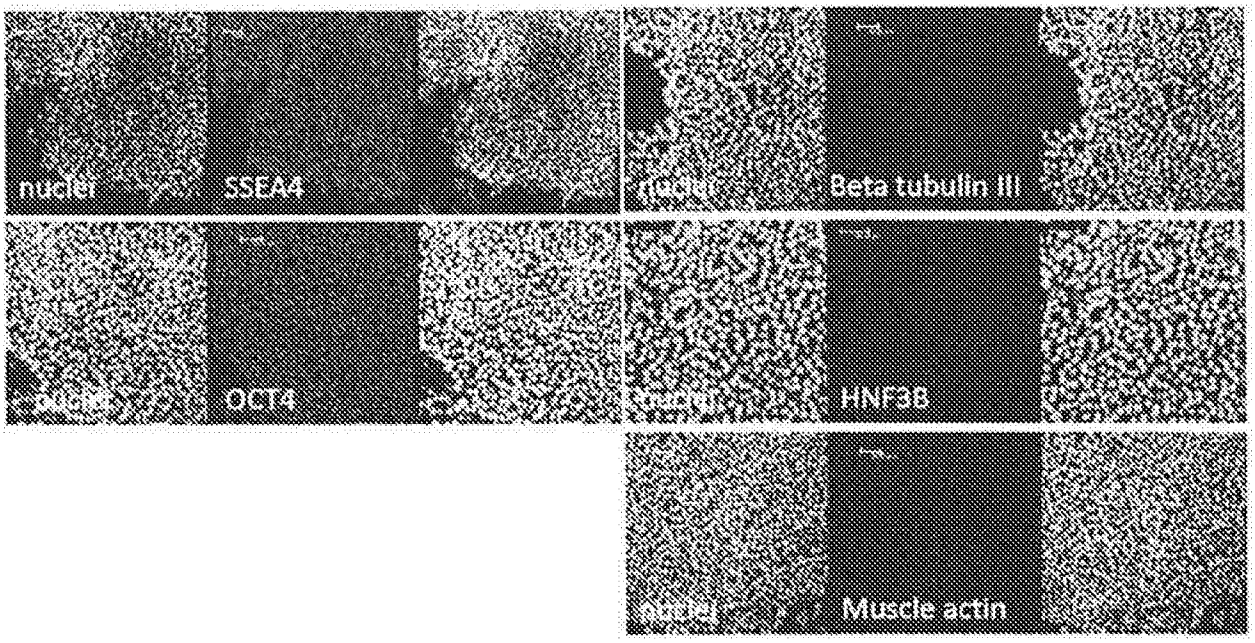


Figure 11

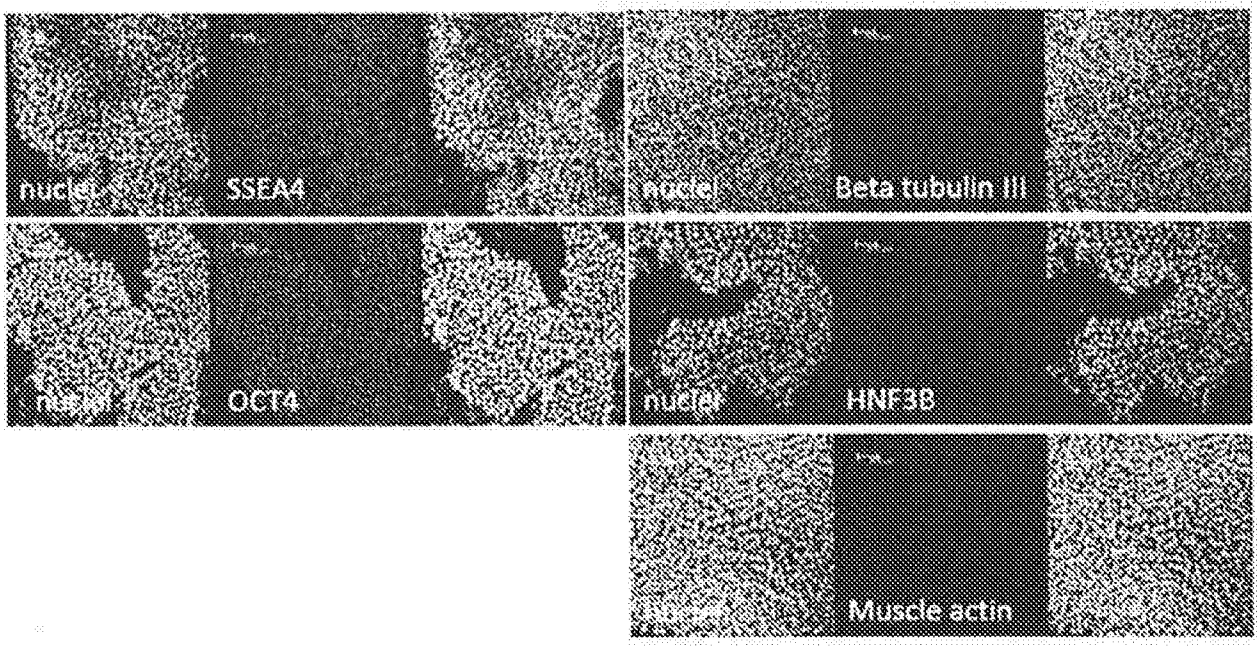


Figure 12

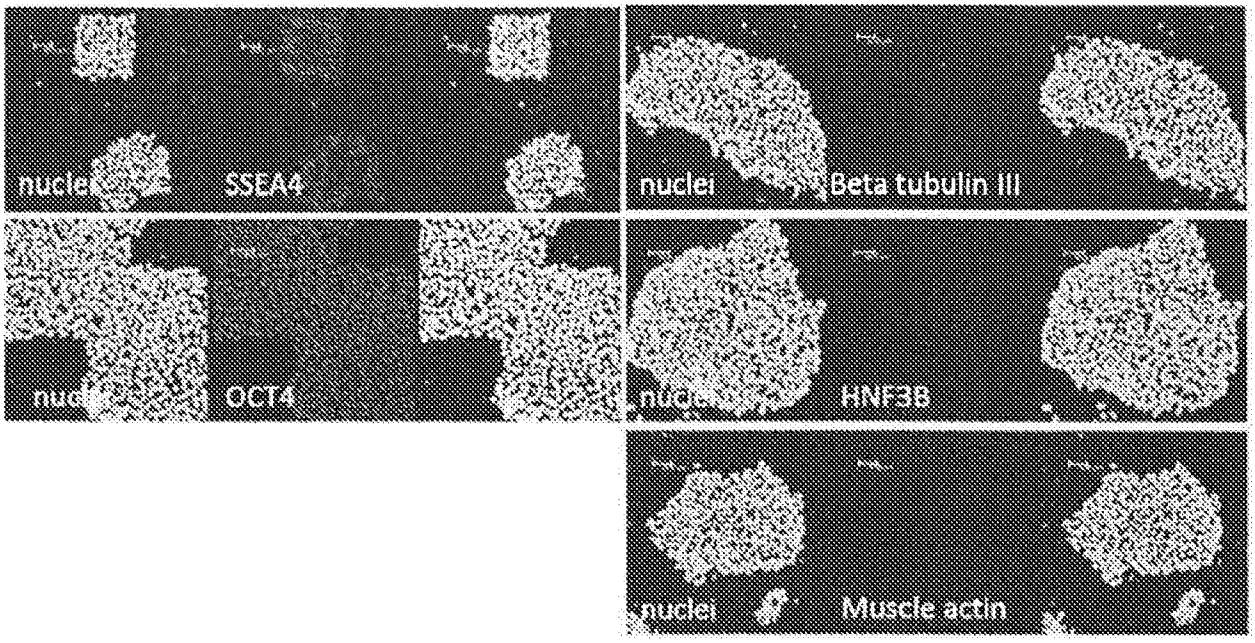


Figure 13

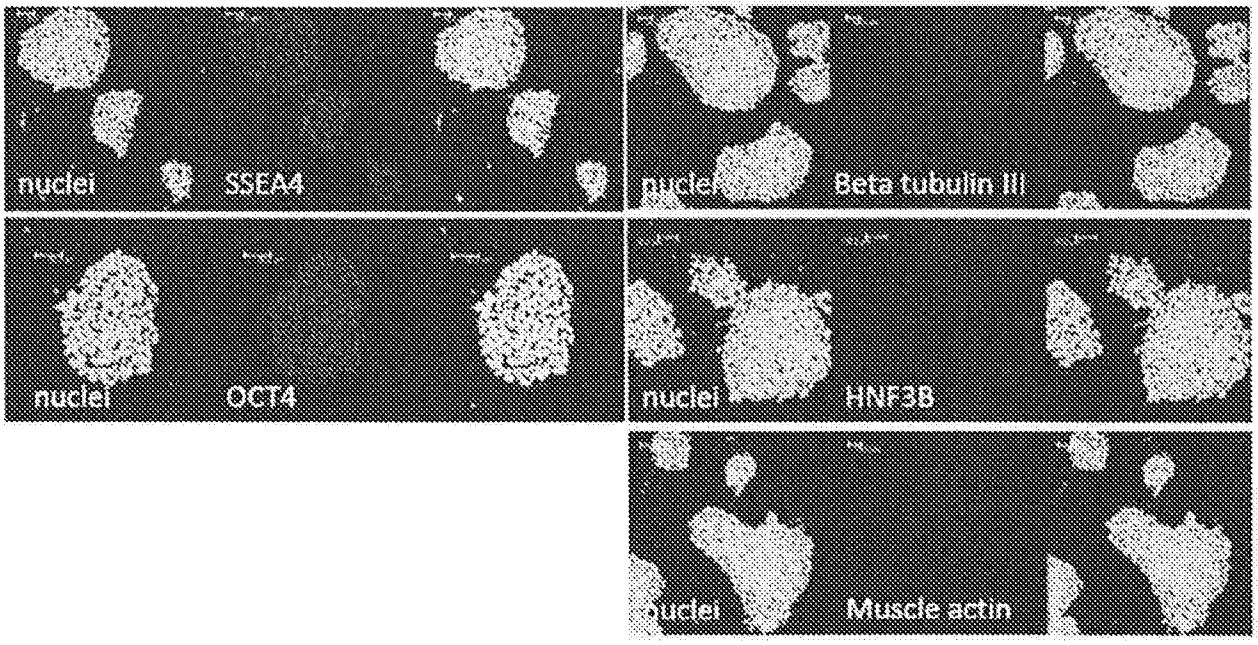


Figure 14

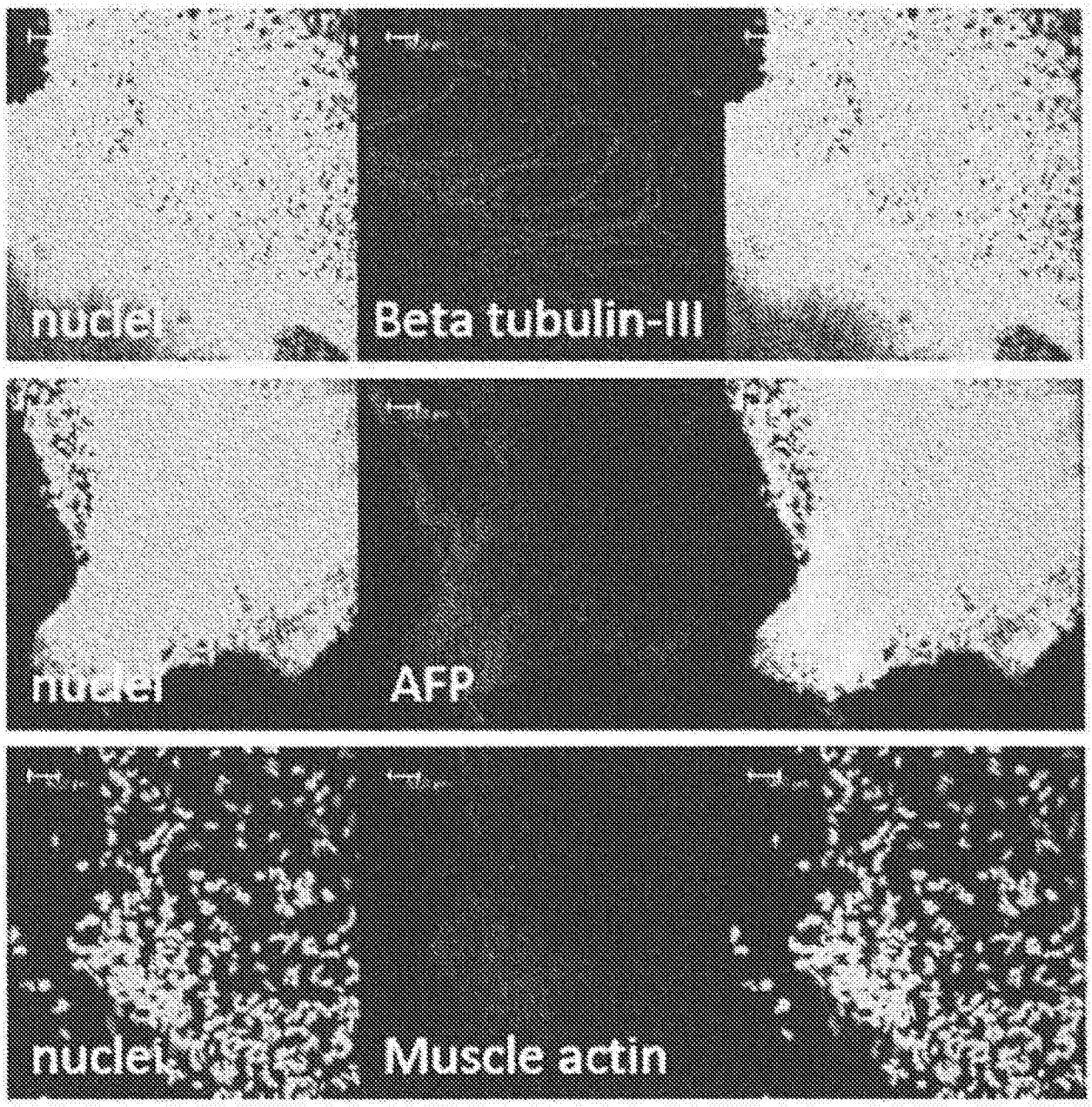


Figure 15

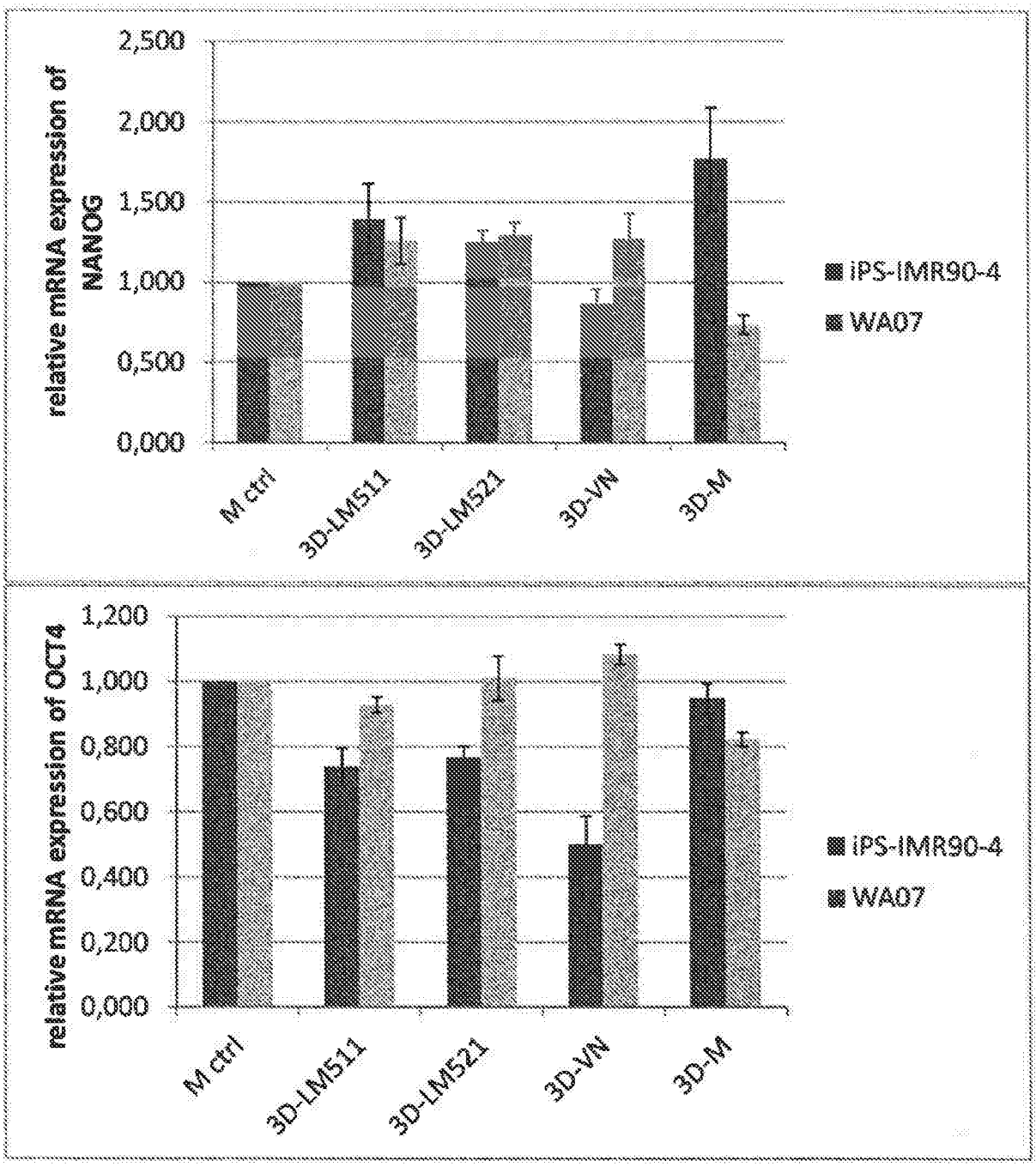

relative mRNA expression of NANOG
2,500
2,000
1,500
1,000
0,500
0,000
M ctrl
3D-LM511
3D-LM521
3D-VN
3D-M
iPS-IMR90-4
WA07
relative mRNA expression of OCT4
1,200
1,000
0,800
0,600
0,400
0,200
0,000
M ctrl
3D-LM511
3D-LM521
3D-VN
3D-M
iPS-IMR90-4
WA07

Figure 16

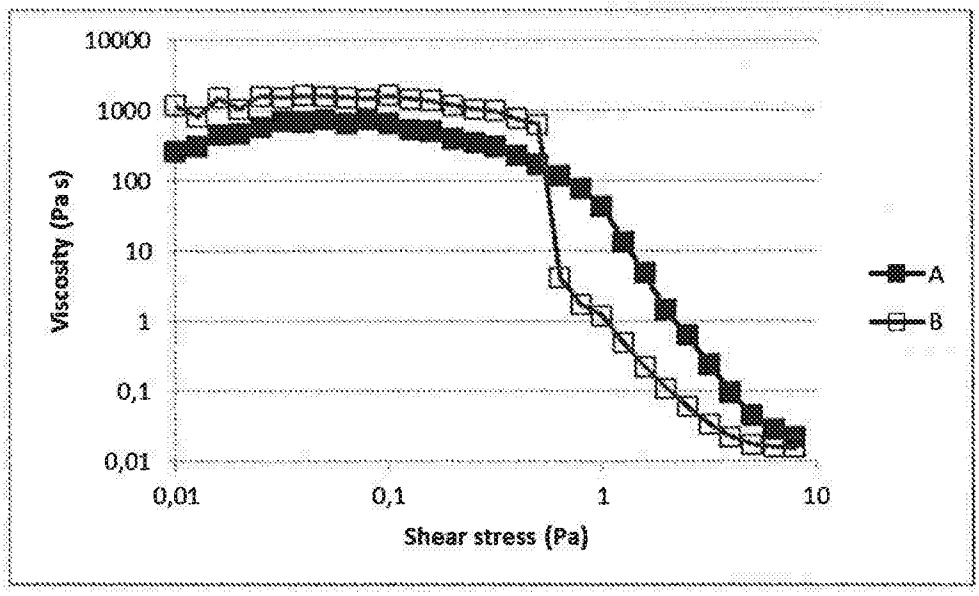


Figure 17

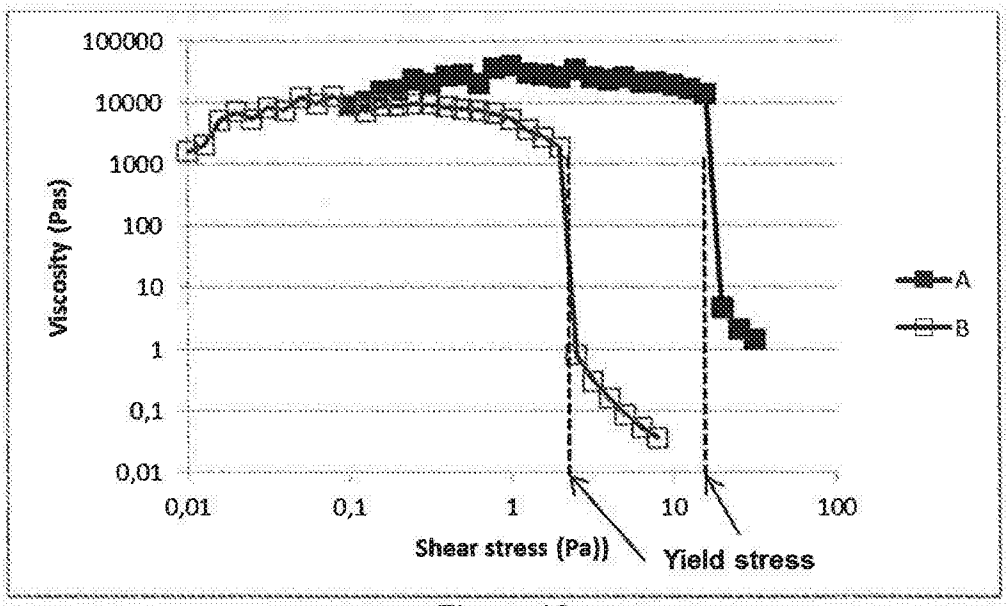


Figure 18

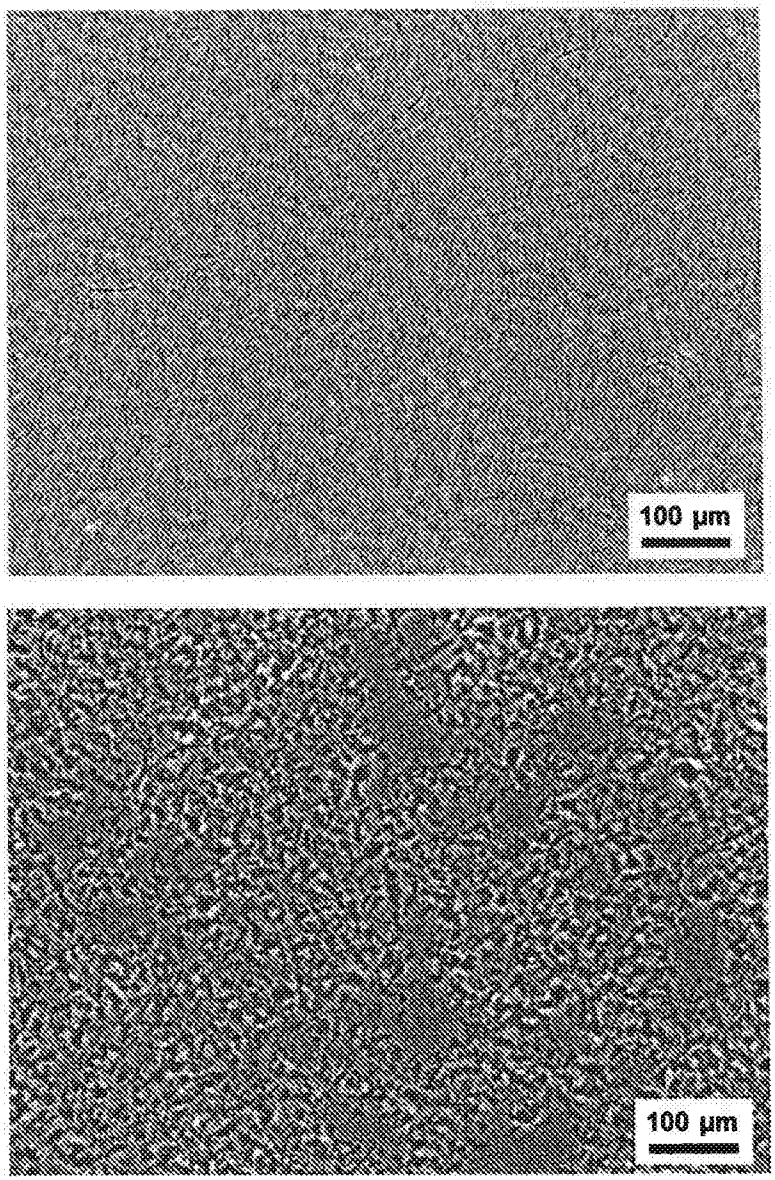


Figure 19

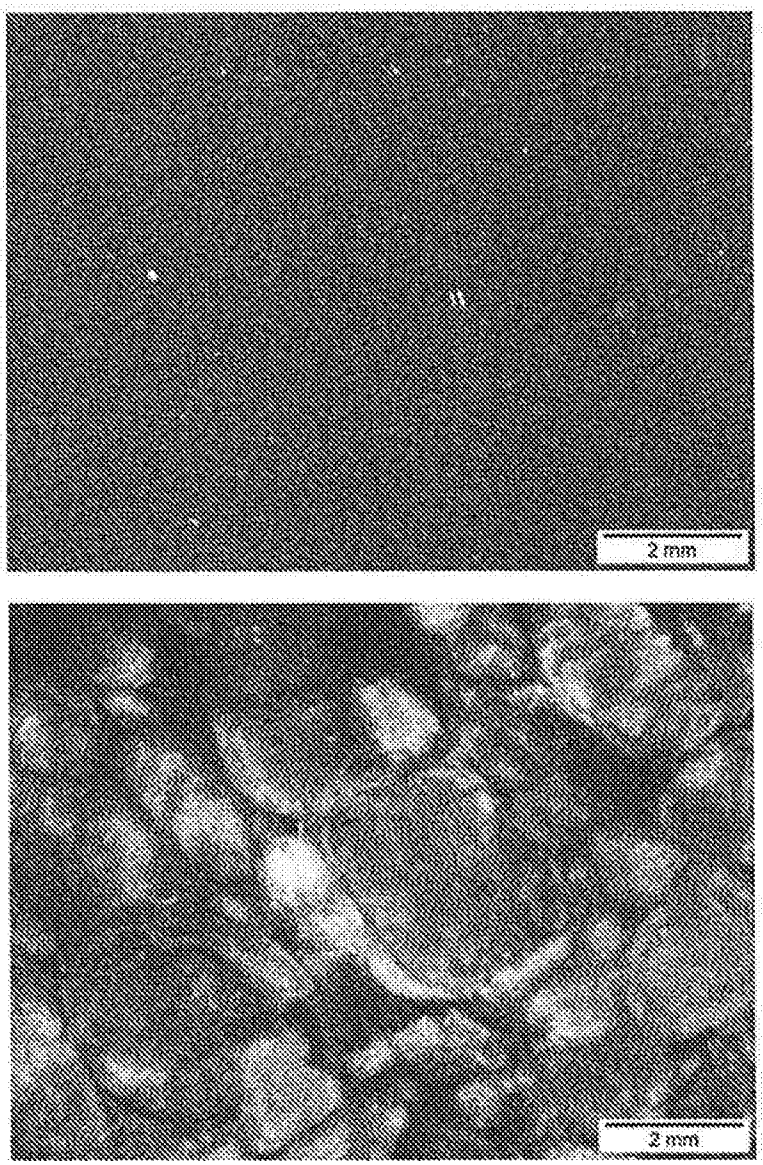


Figure 20

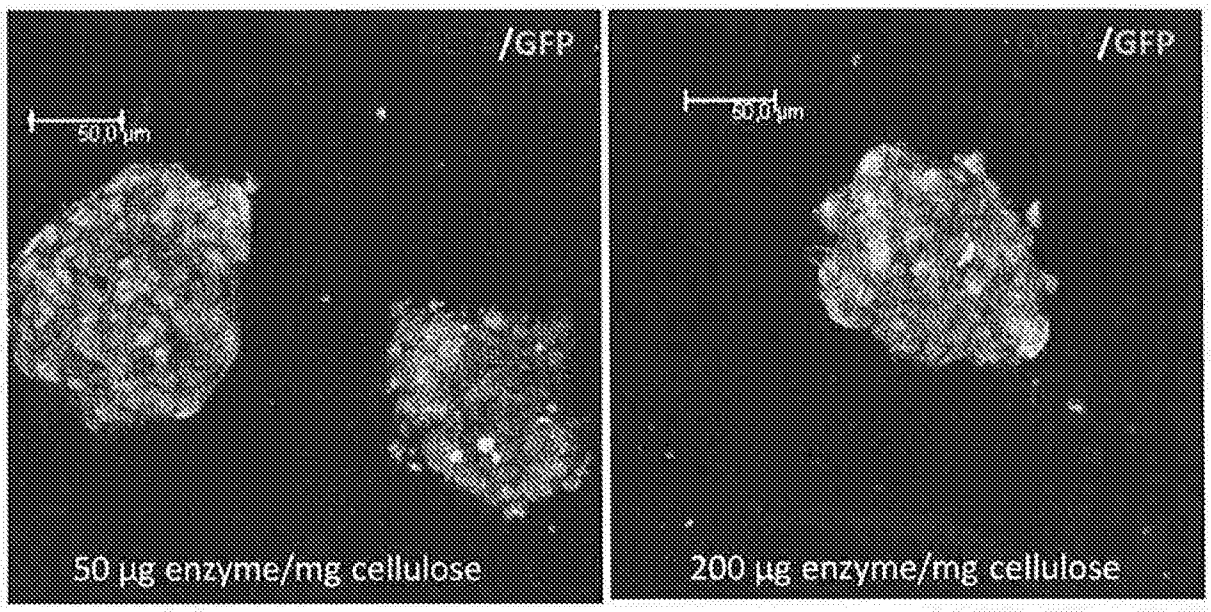


Figure 21

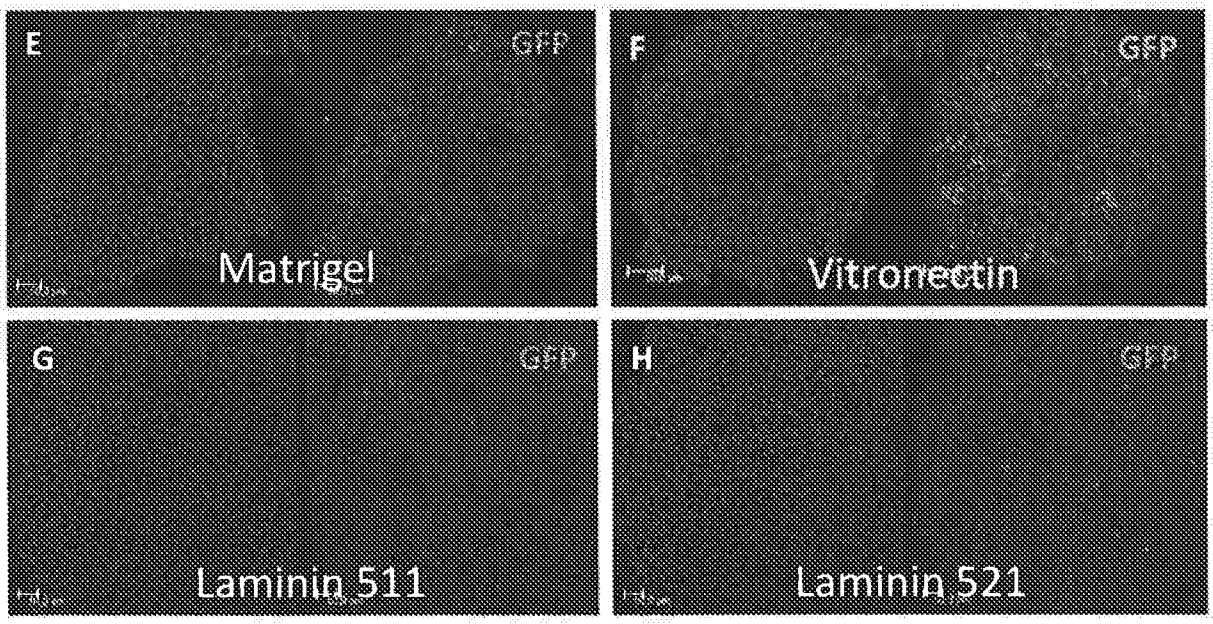


Figure 22

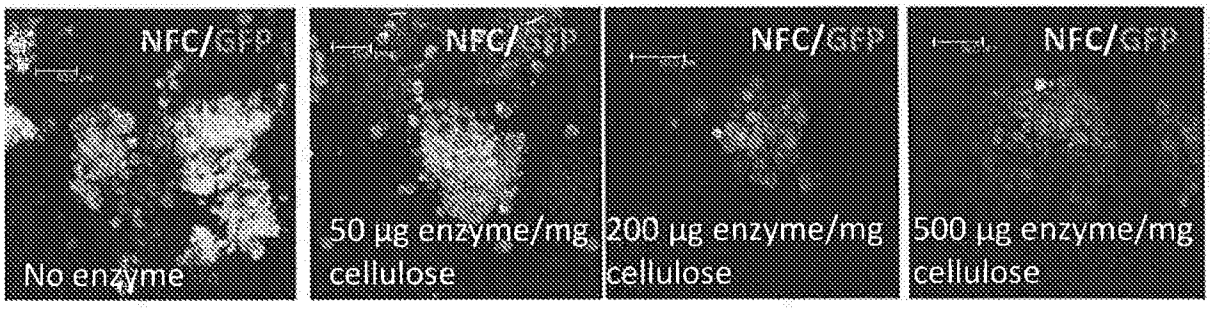


Figure 23

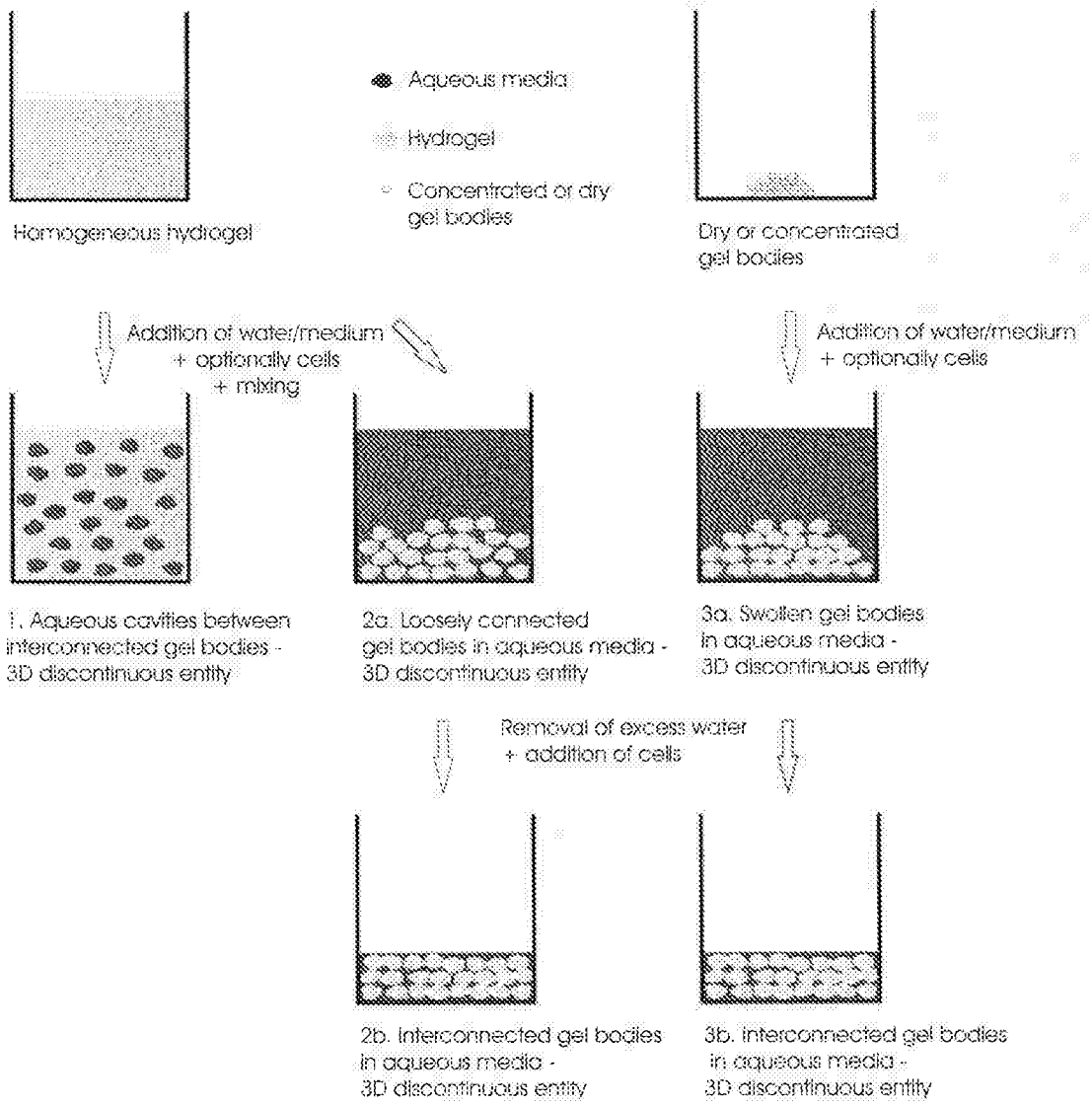
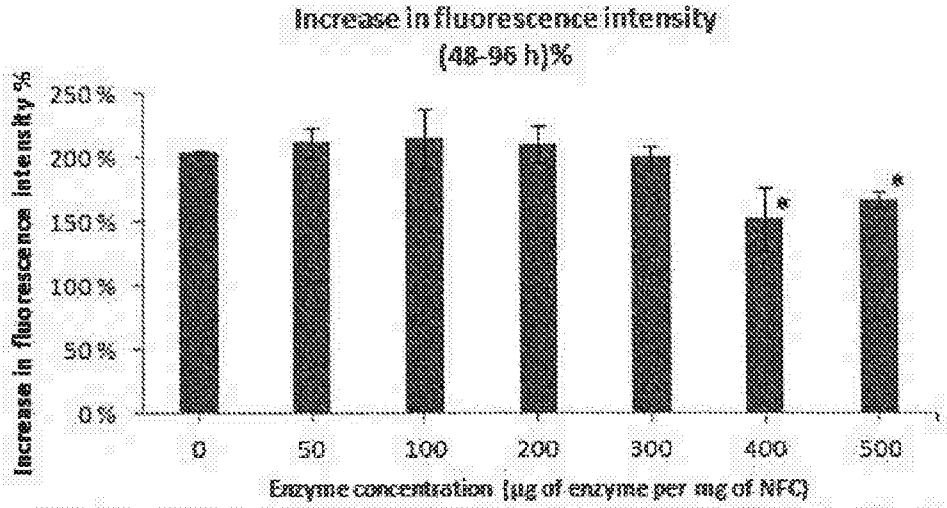


Figure 24



Mean	204 %	212 %	214 %	210 %	201 %	152 %	167%
Standard deviation	1 %	12 %	23 %	14 %	8 %	25 %	6 %
Coefficient of variation	1 %	6 %	11 %	7 %	4 %	16 %	4 %

Figure 25