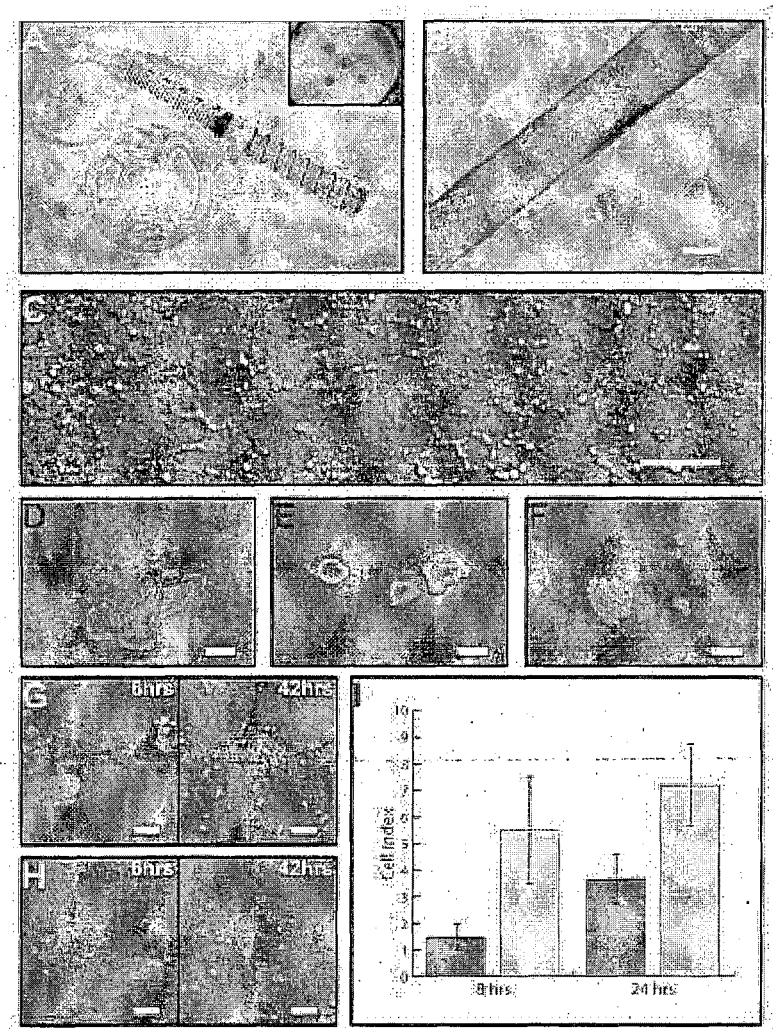


Figure 1

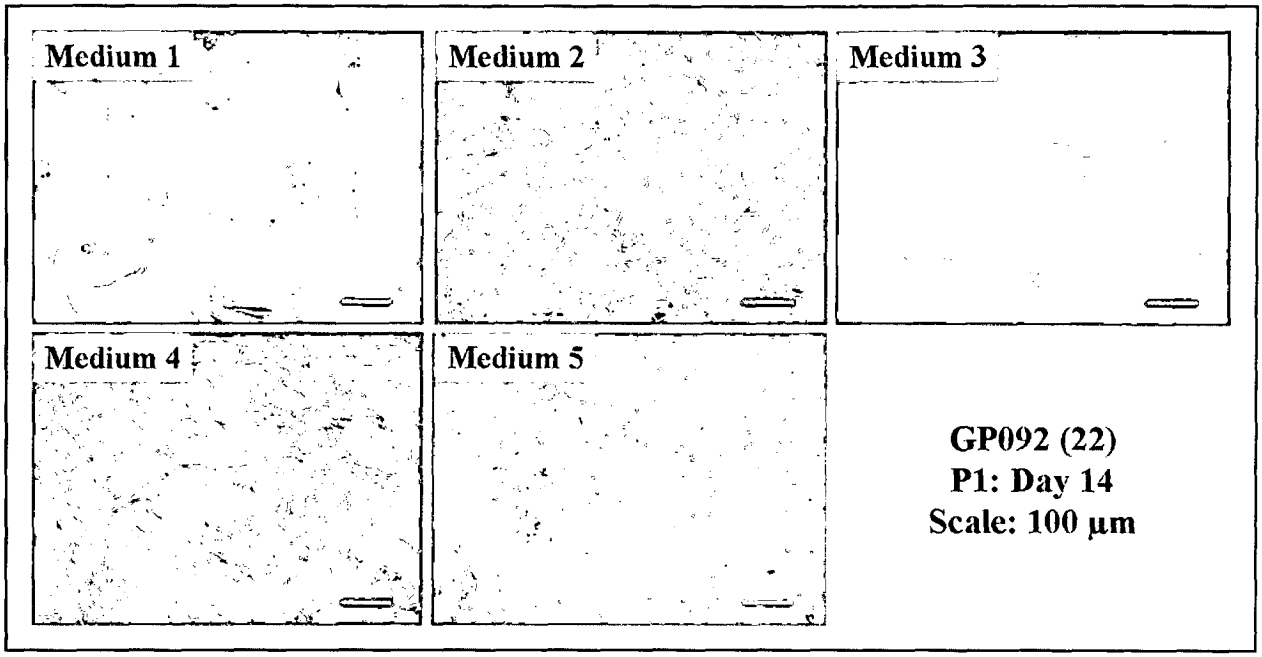


Figure 2

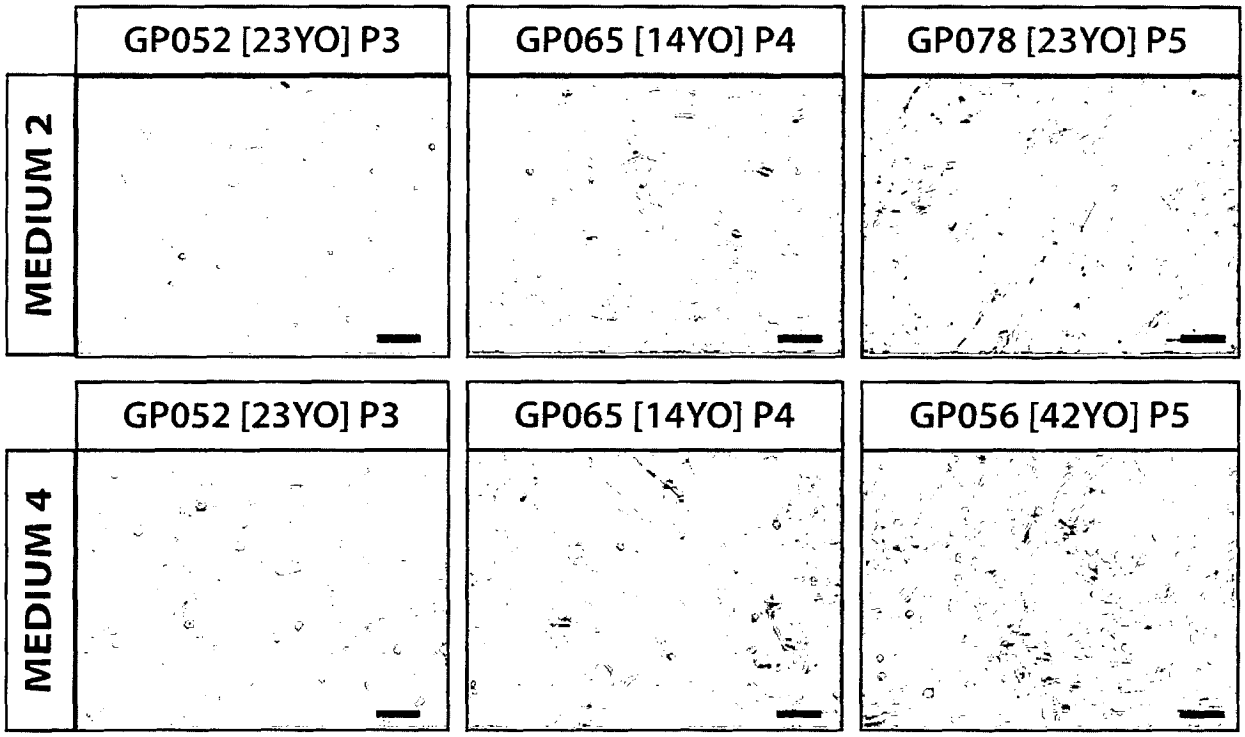


Figure 3

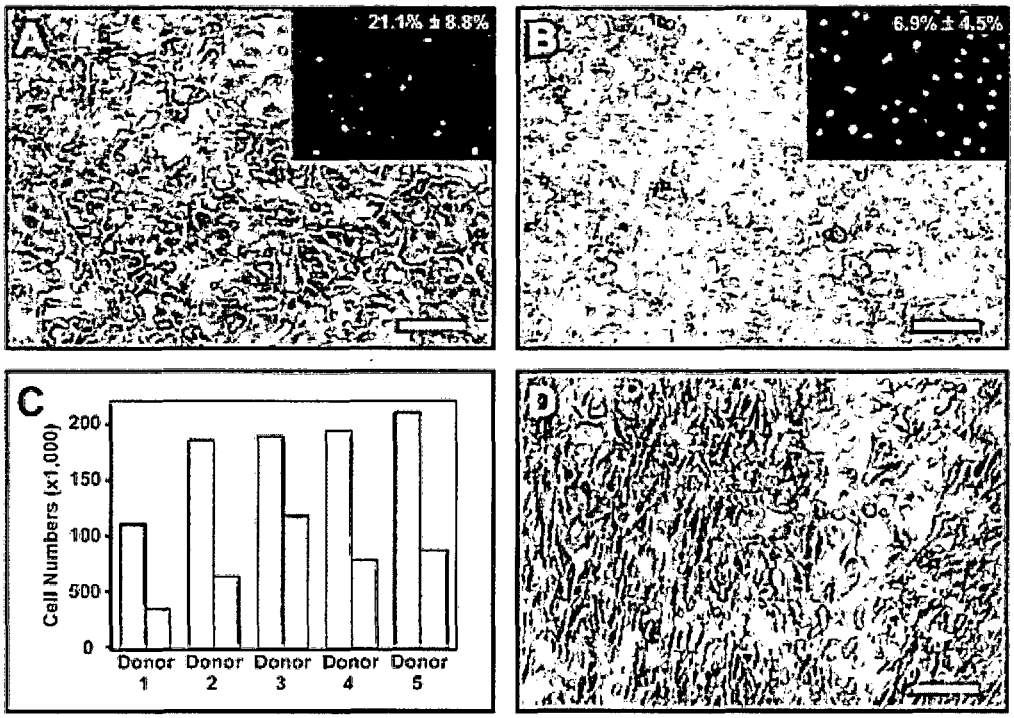


Figure 4

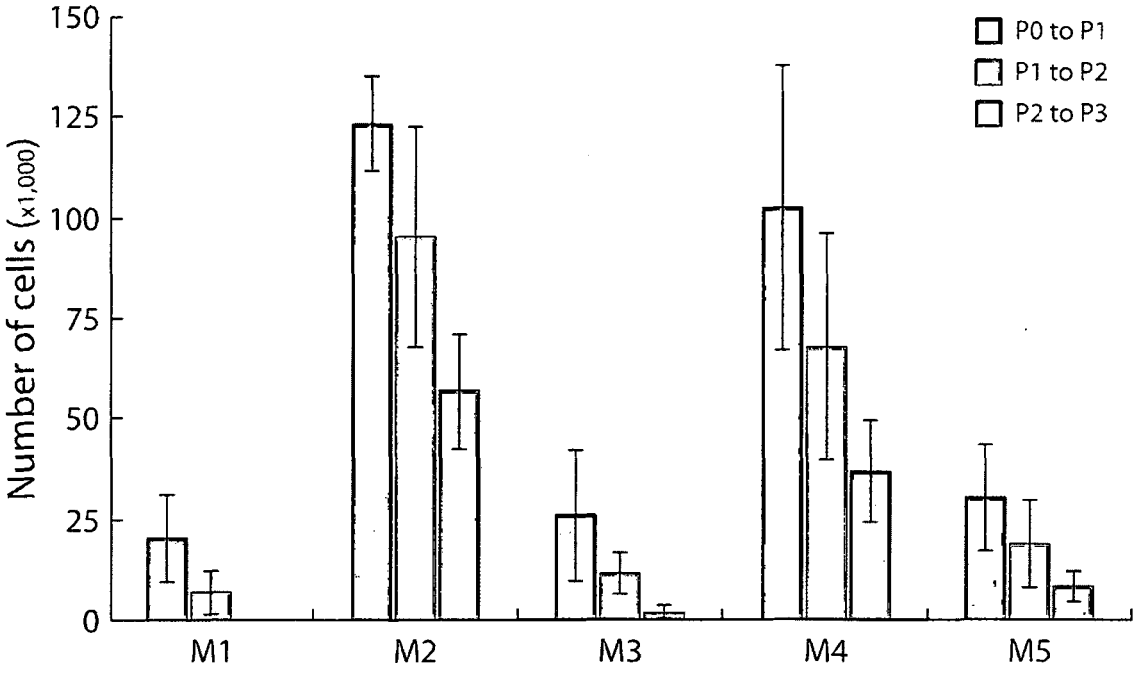


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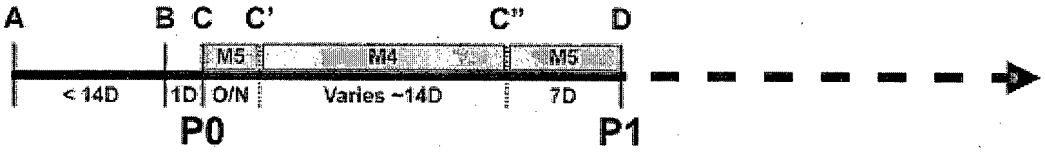


Figure 6

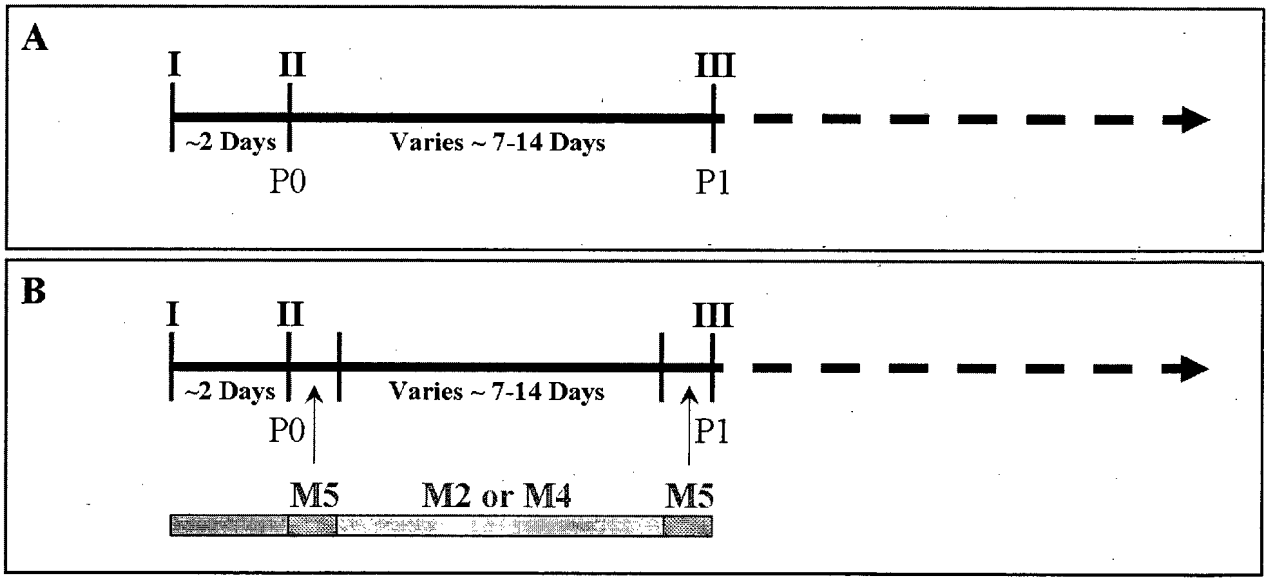


Figure 7

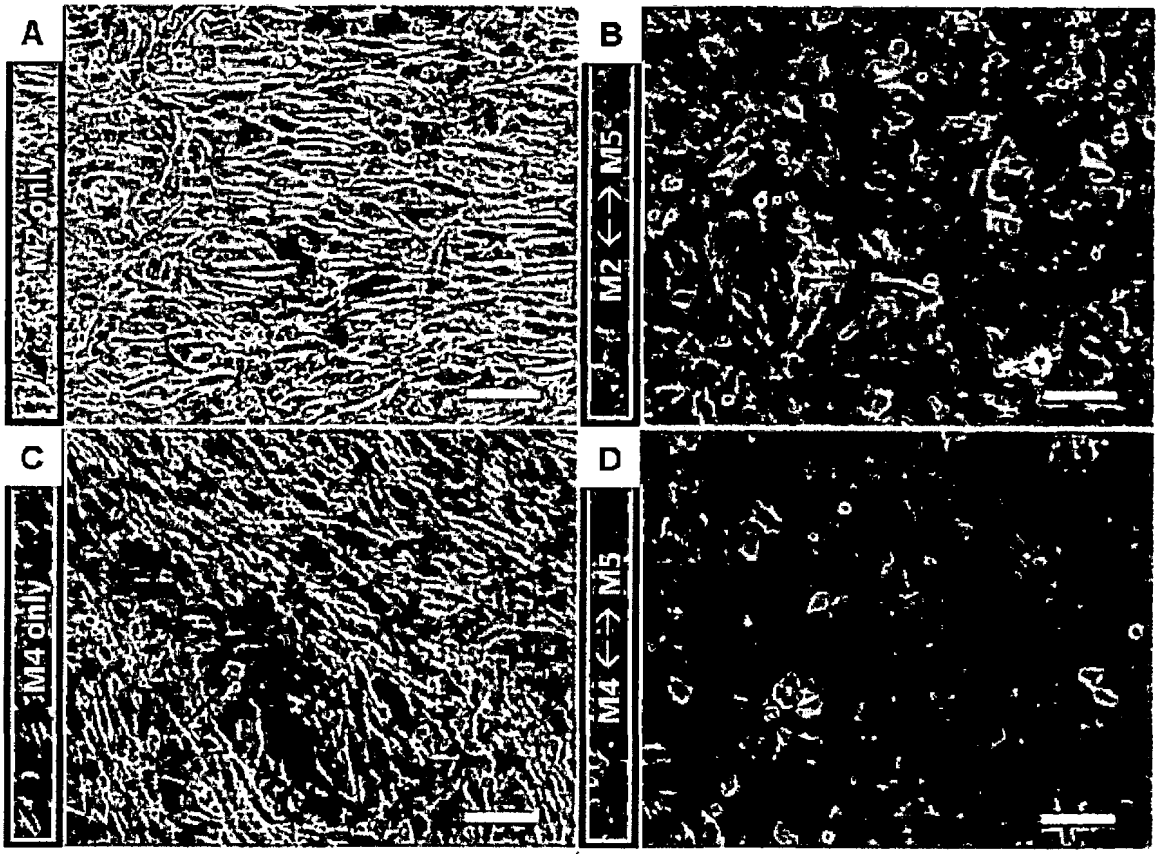


Figure 8

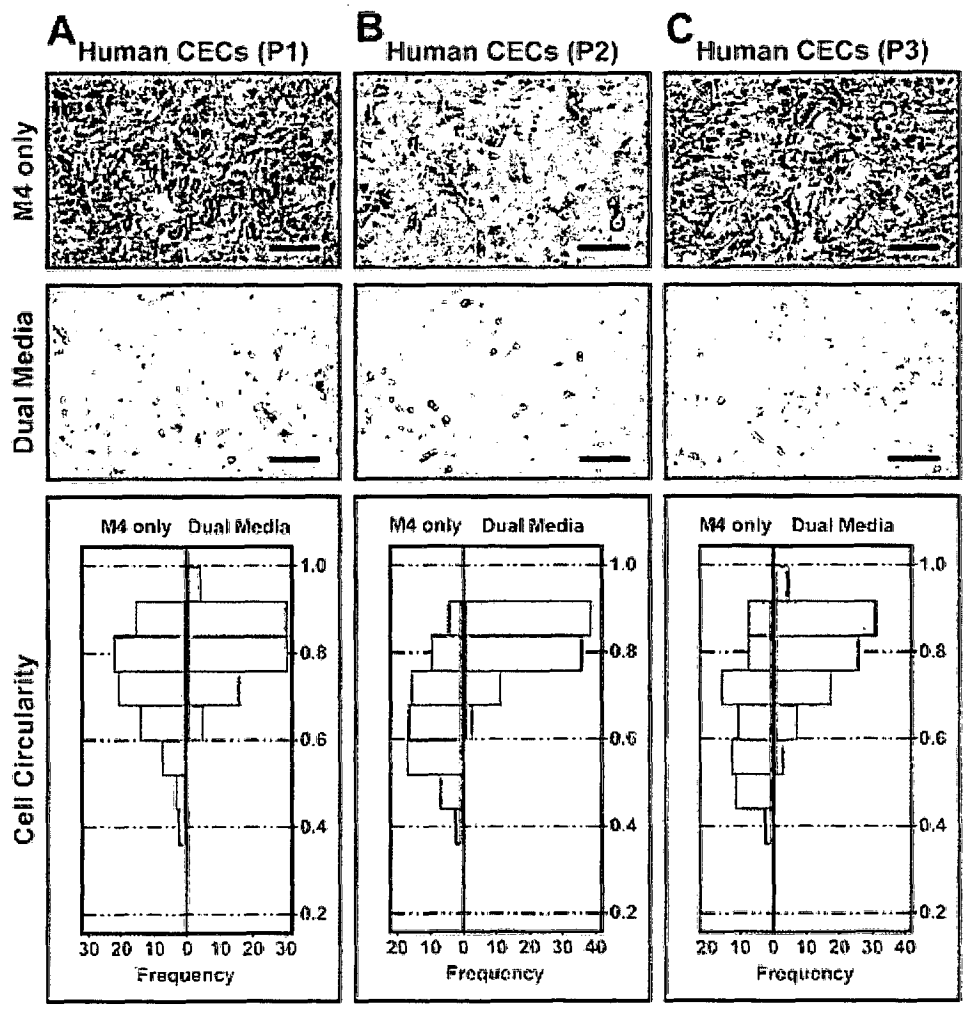

A Human CECs (P1)
B Human CECs (P2)
C Human CECs (P3)
M4 only
Dual Media
Cell Circularity
M4 only Dual Media
1.0
0.8
0.6
0.4
0.2
30 20 10 0 10 20 30
20 10 0 10 20 30 40
Frequency

Figure 9

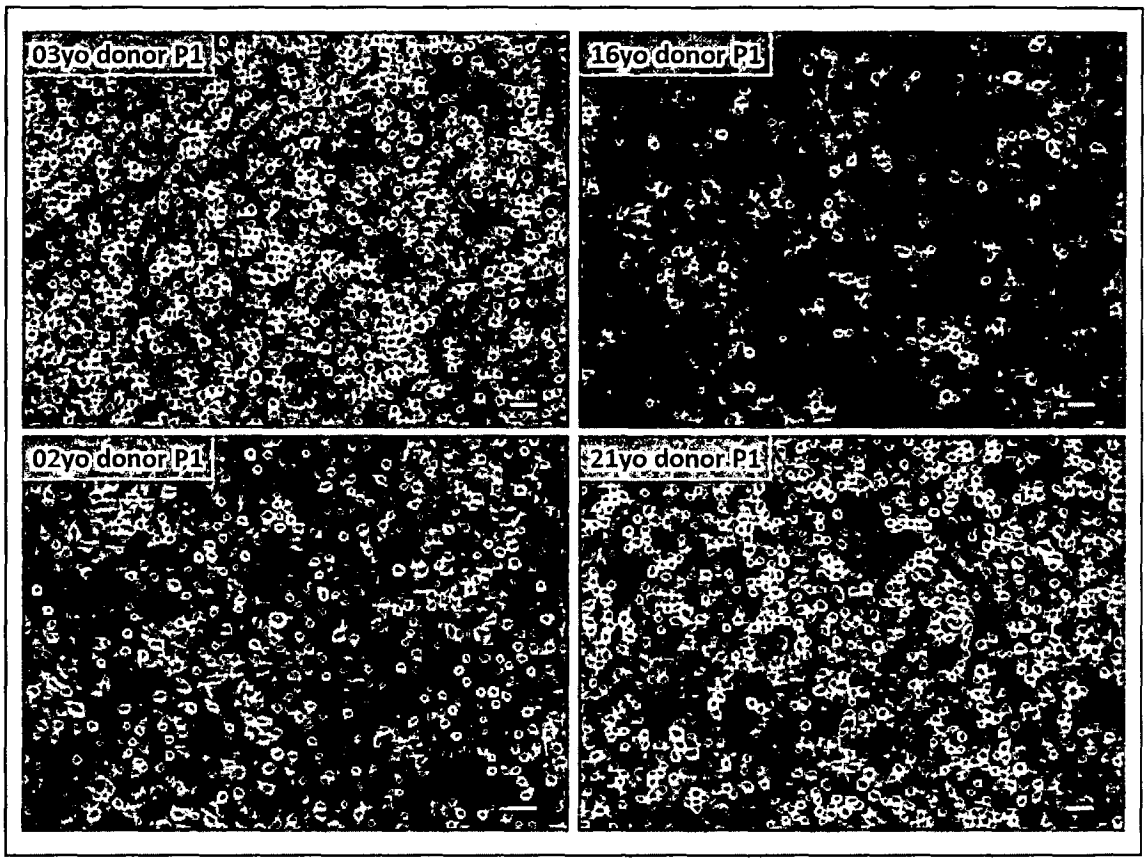


Figure 10

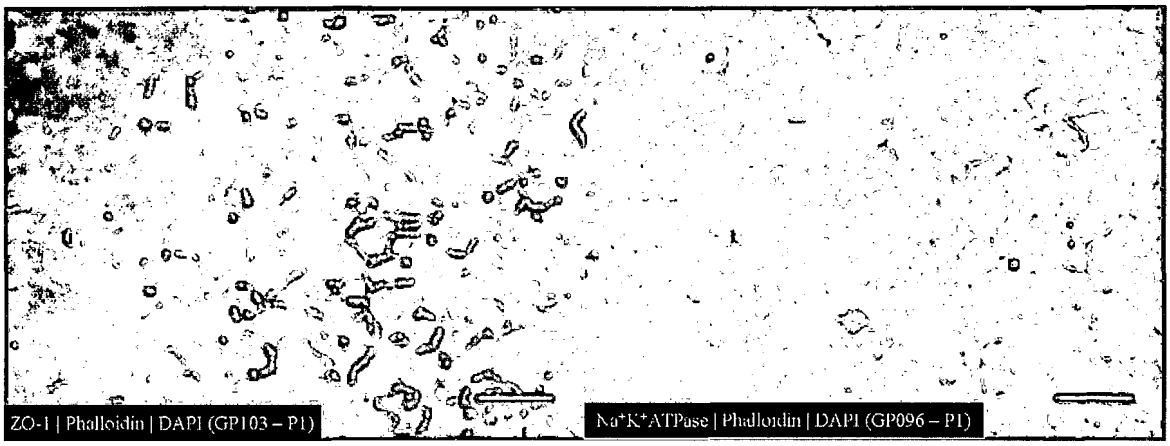


Figure 11

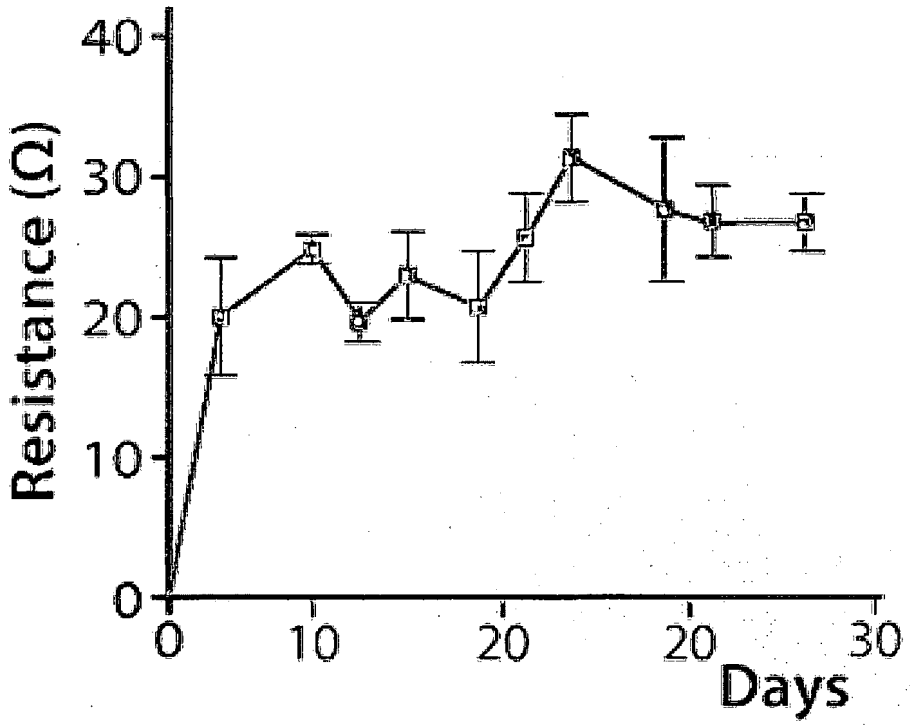


Figure 12

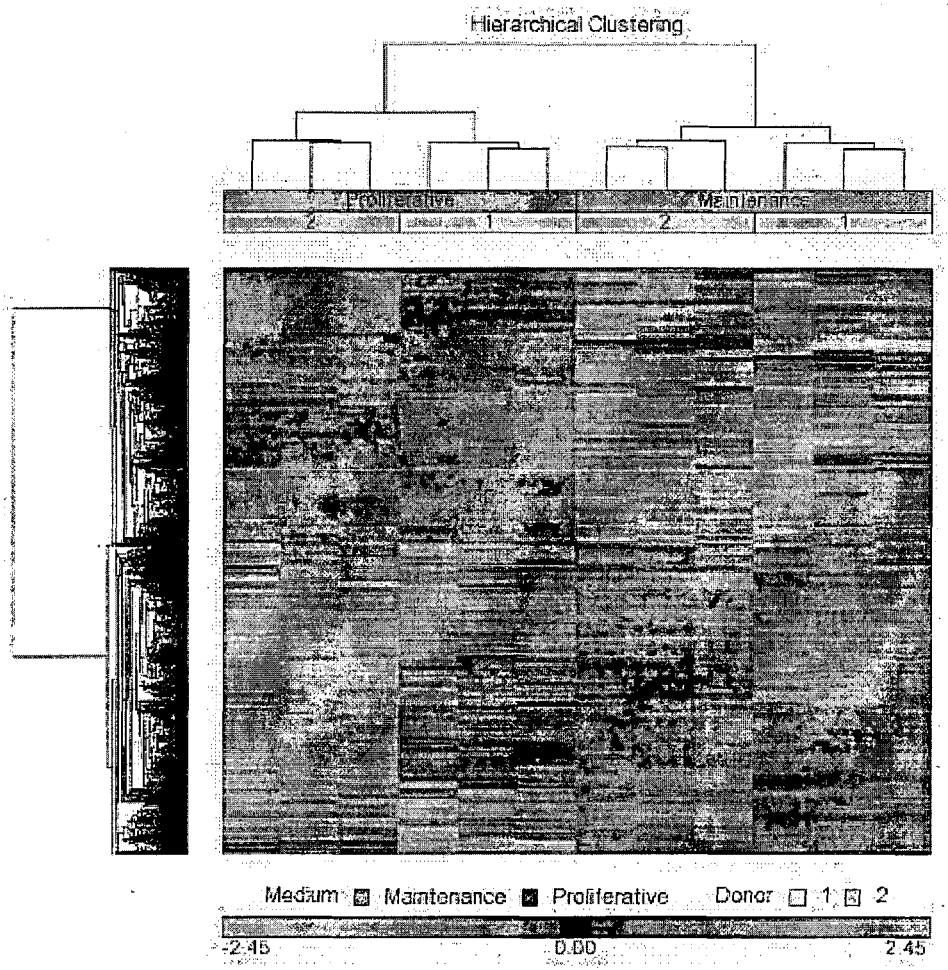

Hierarchical Clustering
Proliferative
Maintenance
2
1
2
1
Medium
Maintenance
Proliferative
Donor
1
2
-2.45
0.00
2.45

Figure 13