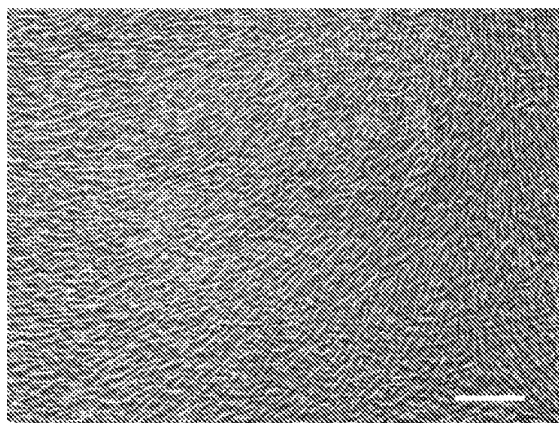


Figure 1

A)

**hPSC-derived MSCs
cultured with FBS and trypsin**



B)

**hPSC-derived MSCs
cultured with our serum-free
clinically-compliant method**

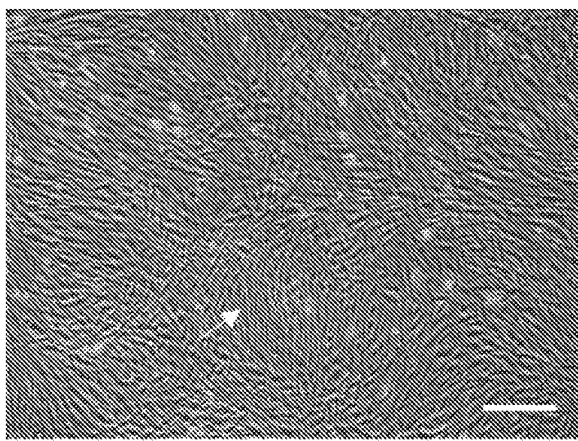


Figure 2

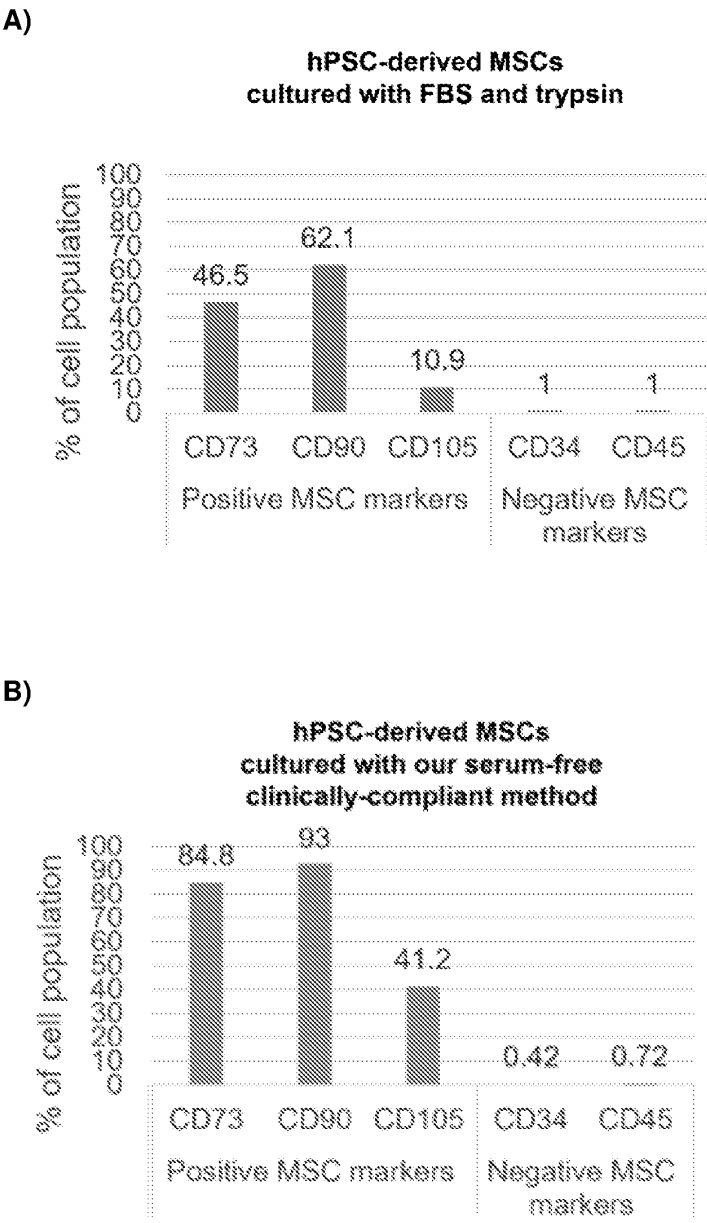


Figure 3

4/9

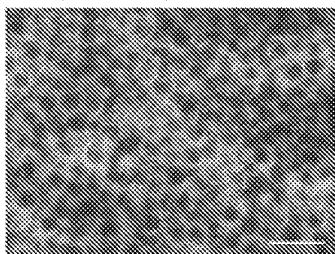
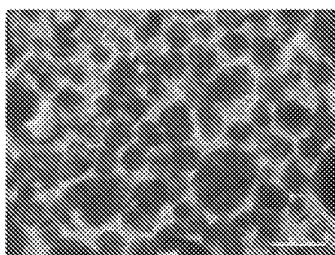
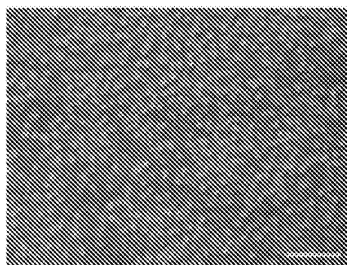
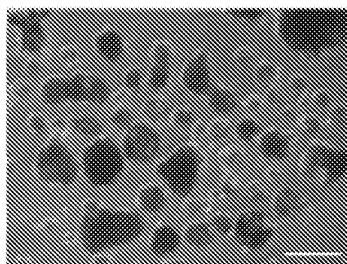
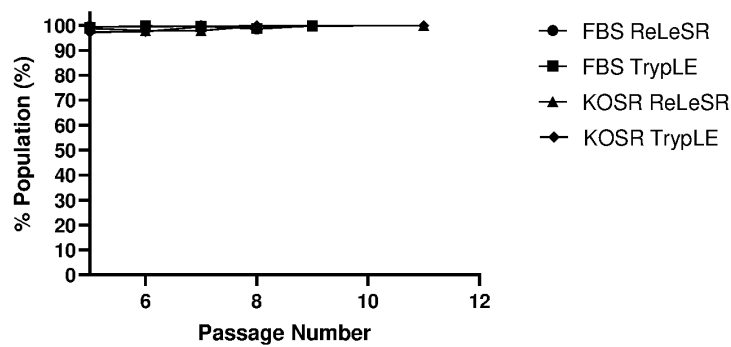
A)**EBs generated with our
serum-free protocol****Day 3****Day 7****B)****EBs generated with FBS-
containing media****Day 3****Day 7**

Figure 4

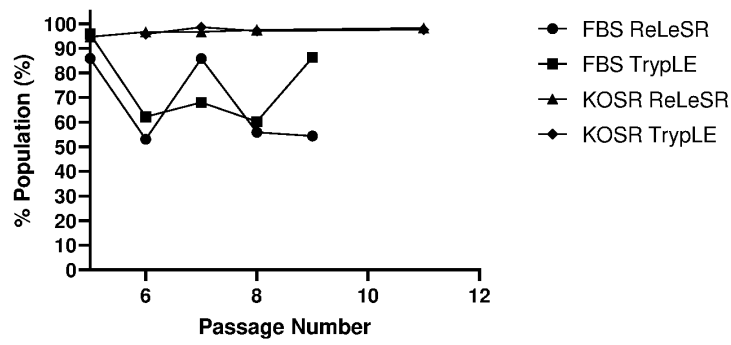
A)

% MSC Population Expressing CD73 in Serum and Serum-free Media



B)

% MSC Population Expressing CD90 in Serum and Serum-free Media



C)

% MSC Population Expressing CD105 in Serum and Serum-free Media

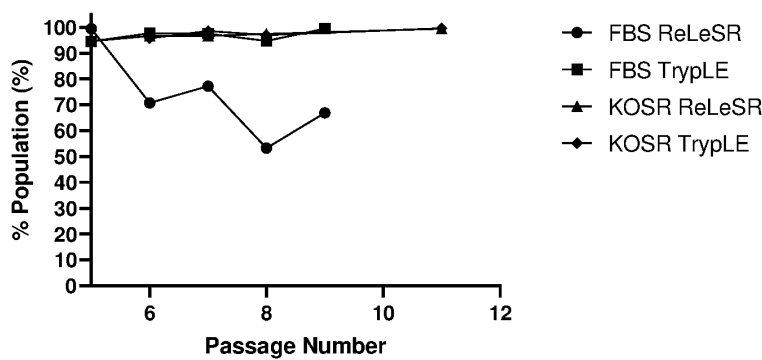
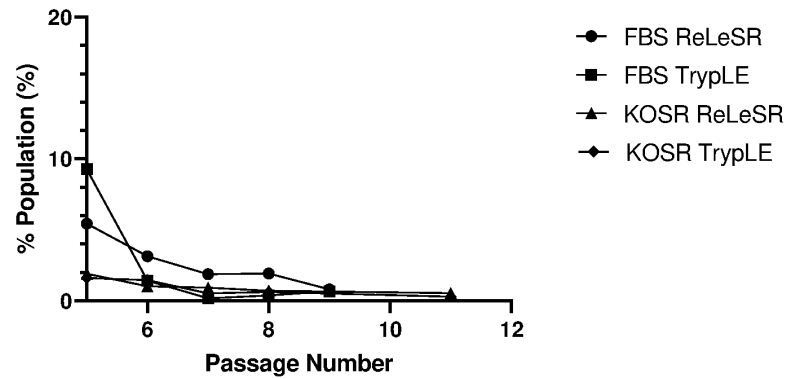


Figure 5

D)

% MSC Population Expressing CD34 in Serum and Serum-free Media



E)

% MSC Population Expressing CD45 in Serum and Serum-free Media

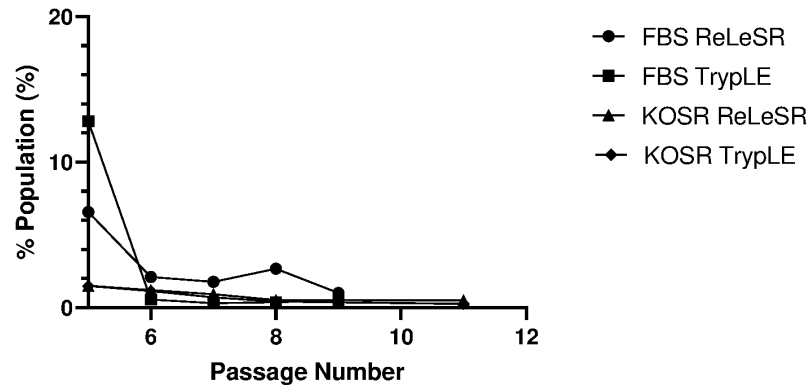


Figure 5

Doubling Rate of MSCs in Serum and Serum-Free Media (Number of Doubles/Passage)

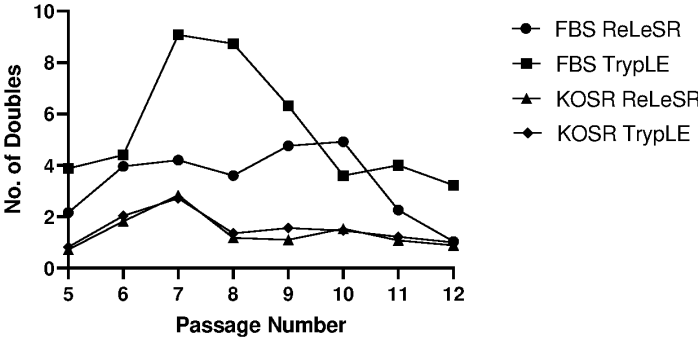


Figure 6

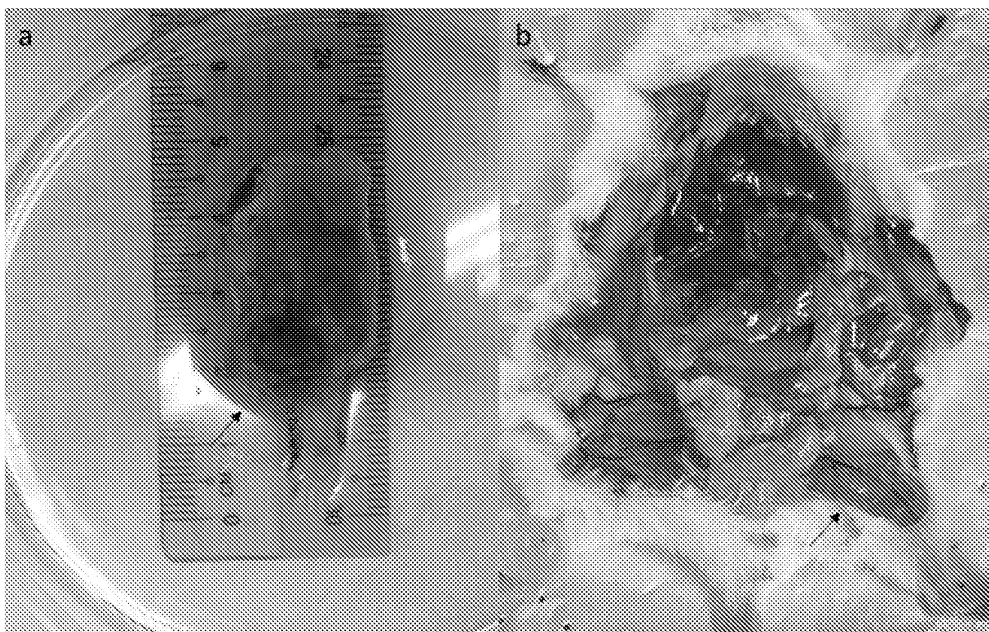


Figure 7

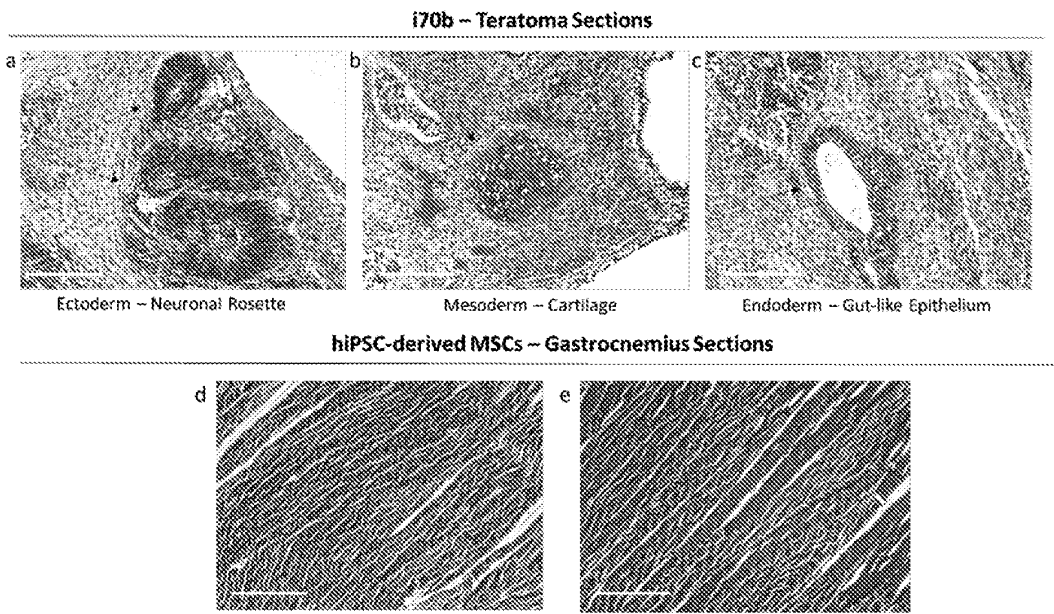


Figure 8