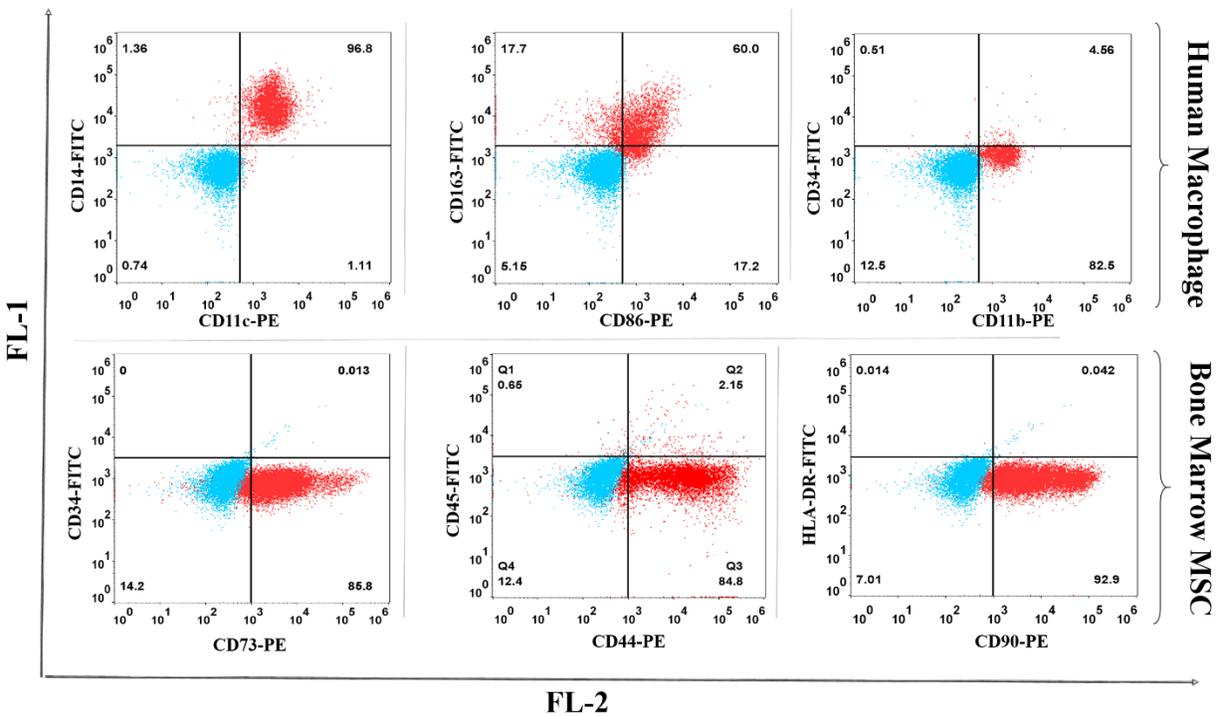


Appendix 1. Morphology of MSCs, osteoblasts, and macrophages.

MSCs had a spindle shape, MG-63 osteoblasts were round to spindle and macrophages had multiple projections.



Appendix 2. CD markers of Human macrophage and mesenchymal stem cells (MSCs). The isolated macrophages were positive for CD-14, CD11c, CD11b, CD86, and CD163 and negative for CD34. MSCs were positive for CD73, CD44, and CD90 and negative for CD34, CD45, and HLA-DR