



Supplemental Figure 5. Neo-vessels develop in the absence of CD14⁺ Mo. Representative CLSM images of MSC co-cultured with Mo-depleted PBMC in 3D fibrin matrix on day 14 showing (B) a CD31⁺ vascular structure associated with (C) numerous CD45⁺ leukocytes. (D) Col-IV matrix is in alignment with the developing vessel. (A) Merge. (A-D) DAPI nuclear stain. Collapsed 13,5 μm-z-stack consisting of 30 consecutive images. Scale bars, 10 μm. (E-H) Orthoview CLSM images of collapsed z-stack shown in ((A), boxed area). The 2D cross-section images (frame 16/30) show (F) four CD45⁺ leukocytes inside of a CD31-lined vacuole within the CD31⁺ elongated cell-in-cell structure. Tightly associated with the cell-in-cell structure is a (G) Col-IV⁺ matrix lining resembling a basement membrane. (H) Neighboring CD45⁺ leukocytes immediately adjacent to the CD31⁺ cell-in-cell structure are also surrounded by a Col-IV⁺ matrix. (E) Merge. (E-H) Nuclei stained with DAPI. Scale bars, 10 μm.