



**S9 Fig. Immune cells in veins.** A) Gene ontology pathway analysis of genes expressed in immune cell populations in veins. Mo: monocyte/macrophages, NK: natural killer cells, Mast: mast cells, Neu: neutrophils. B-C) Representative stainings of CD163<sup>+</sup> monocyte/macrophages (B) and CD8<sup>+</sup> T cells (C) in basilic veins from the validation cohort. Scale bars represent 50  $\mu$ m in all panels. A: adventitia, M: media. D) Donor's age is positively correlated with CD163<sup>+</sup> cell counts, but not CD8<sup>+</sup> counts, in 6-7 basilic veins analyzed by IHC.

