Supplementary Material For:

Whole-mount imaging of the mouse hindlimb vasculature using the lipophilic carbocyanine dye DiI.

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Figure S1. DiI imaging of a normal C57/BL6 mouse hindlimb. (A) Photographs of a C57/BL6 hindlimb illustrating the coverslip sandwich technique; color-coded boxes on the right correspond to enlarged fields shown below in (B). The medial sagittal plane (A, right) was imaged on a Zeiss LSM 710 confocal microscope. (B) Yellow box: Composite 10x image of the external iliac artery (EIA) deep femoral artery (DFA) and epigastric artery (EA); Blue box: popliteal (PA) and saphenous artery and vein (SA/SV); Green box: 5x image of the medial marginal vein (MMV) and anterior tibial artery (ATA); Red box: 10x field of vessels in the toe nail. The magenta box shows a composite of 40 5x fields of view displaying the entire medial sagittal plane of the hindlimb. The superficial femoral artery (FA) and vein (FV) (B, magenta box) are labeled. The inset orange box highlights a 10x view of capillaries and a branch of the deep femoral artery.