



S4 Figure. Labeling of host cells by intravenous furamidine. **A,B.** Two-photon imaging through the thinned skull. **A.** Blue fluorescence from the nuclei of dural cells and of endothelial cells of pial vessels. **B.** A Z-projection 100 μm deep extending from large horizontal pial vessels into the parenchyma with its vertical vessels (arrow) and sinuous capillaries. Nuclei of vascular endothelial cells are labeled. **C-D.** A blood smear from a reporter mouse expressing DsRed in CD2^+ T lymphocytes. **C.** DsRed. **D.** Furamidine. **E.** Merged image showing that unidentified leukocytes that are not T lymphocytes are labeled by furamidine.