Supplementary Figure: Retinal distribution of microglia/macrophages.

A. Illustration of selected areas ipsilateral and contralateral to the laser site for the quantification of GFP positive cells in chimera retinas (left panel). Representative fluorescein angiogram of a BRVO subjected retina 7 days after the laser application (right panel). Arrow depicts the laser site. Scale bar: 500μm.

B. Quantification studies of GFP or Iba-1 positive cells ipsilateral and contralateral to the laser site in chimera and Balb/c mouse retinas, respectively (areas quantified delineated in yellow box in A). Significantly higher numbers of cells are observed ipsilateral to the laser site (**p<0.01, ***p<0.001, paired t-test).

C. Representatives images of chimera retinal whole mounts depicting distribution of GFP positive cells in the inner and the outer retina. Ramified cells are predominantly found in the outer retina while both ramified and amoeboid cells are observed in the inner retina. Scale bars: 500μm.