Supplemental Document

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Imaging the dynamics of individual processes of microglia in the living retina *in vivo*: supplement

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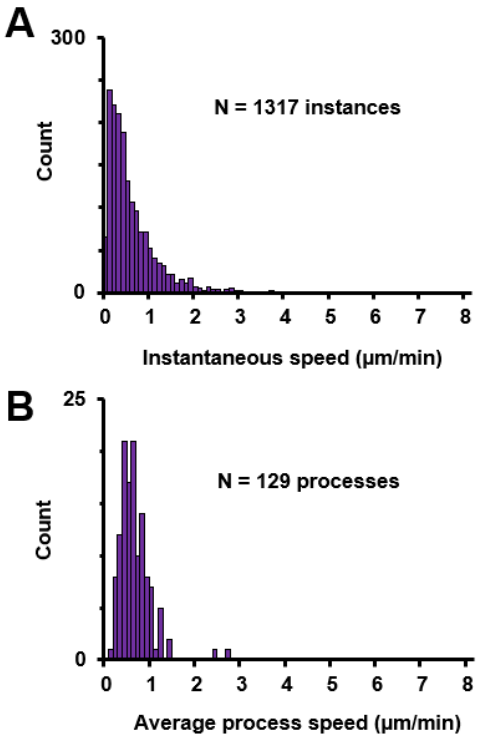

Fig. S1: Comparison of instantaneous and average microglial process speeds in the healthy retina, across a population of 7 mice. A) Histogram of instantaneous speeds at each measured instance (n=1317 instances, at 5-minute intervals). B) Histogram of average process speed of each process, averaged across time (n=129 processes).

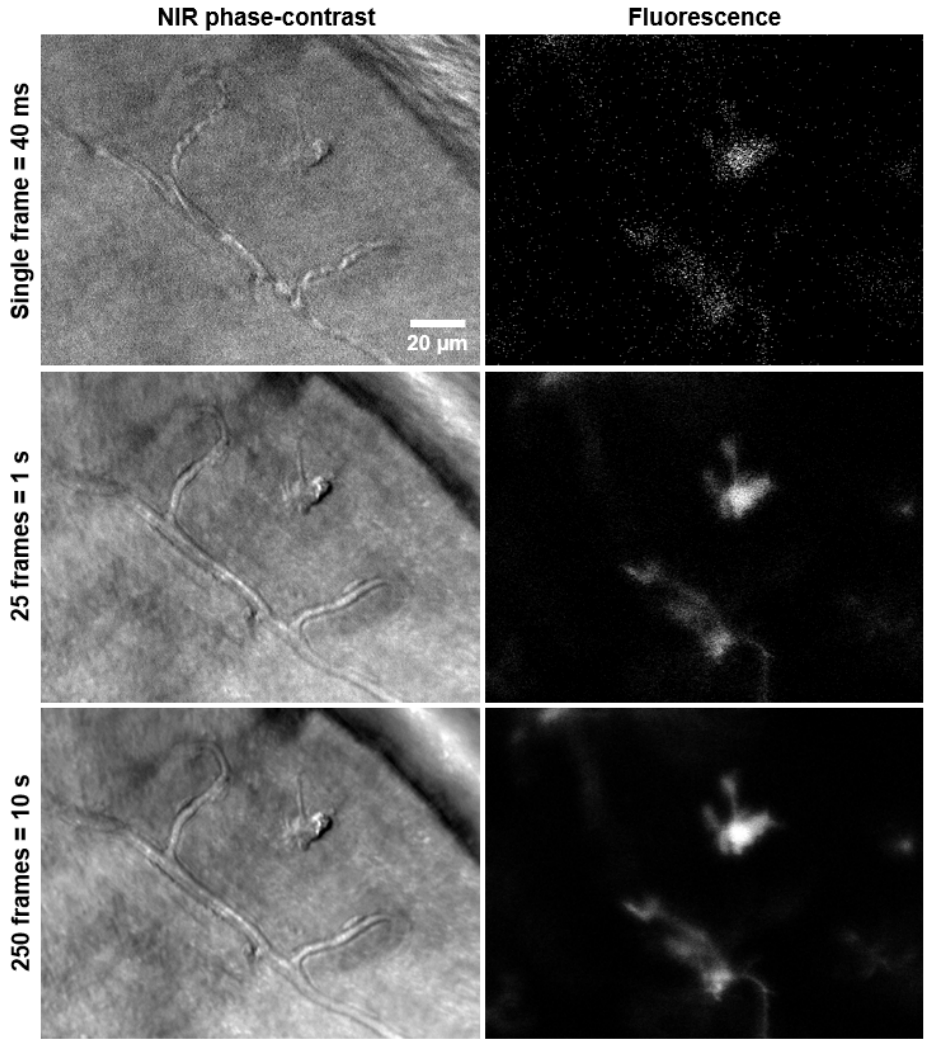

Fig. S2: Comparison of image contrast and SNR of NIR label-free (phase-contrast) and fluorescence imaging of EGFP+ cell processes using AOSLO, under three different frame-averaging levels applied.