

Supplementary material 1

Label-free functional and structural imaging of liver microvascular complex in mice by Jones matrix optical coherence tomography

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Figure S1 summarizes cross-sectional OCT intensity and LIV images of four different healthy mouse liver samples at the initial time point (0-hour). In cross-sectional OCT images, the lumen appears as hyposcattering region [arrows, Fig. S1(a)]. This low scattering region is identical to Fig. 1(a) which corresponds to the vessel. Cross-sectional LIV images show high temporal fluctuation of OCT signal just beneath the lumen which is shown by arrowheads in Fig. S1(b). These high LIV signals are also consistent with Fig. 1(e).

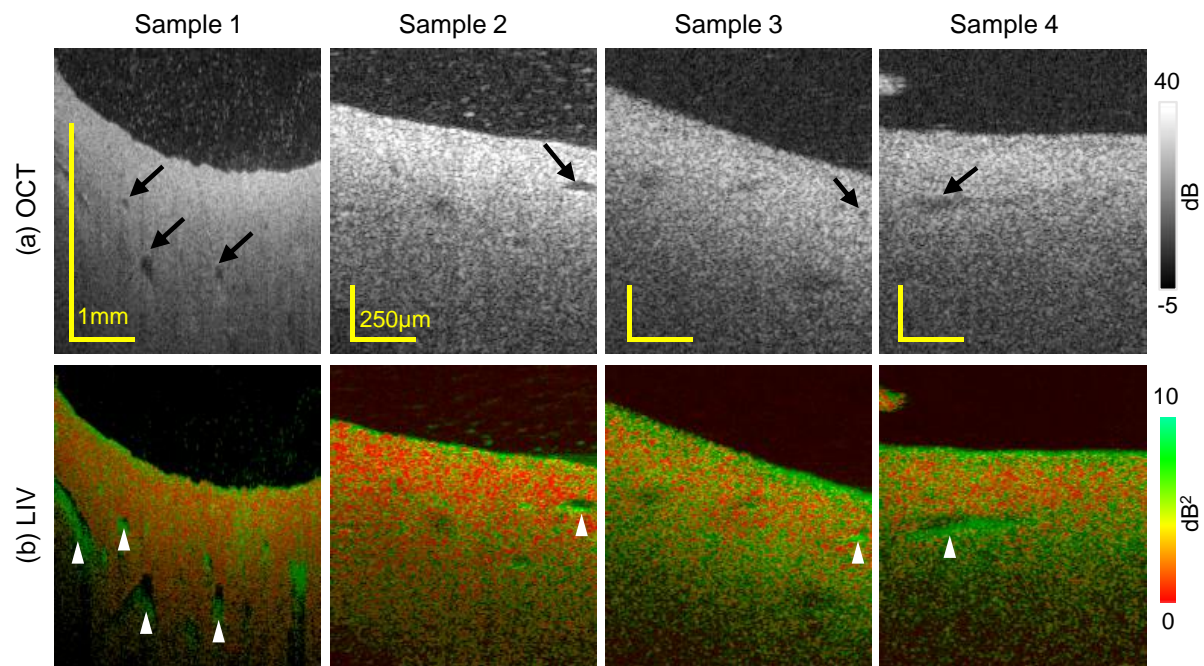


Figure S1: Cross-sectional OCT (first row) and LIV (second row) imaging of four different healthy mouse livers at initial time point (after 1 hour of sacrifice).