Supplementary material 2

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

Pradipta Mukherjee¹, Arata Miyazawa¹, Shinichi Fukuda^{2,3}, Toshiharu Yamashita⁴, Donny Lukmanto³, Kosuke Okada⁵, Ibrahim Abd El-Sadek^{1,6}, Lida Zhu¹, Shuichi Makita¹, Tetsuro Oshika², and Yoshiaki Yasuno¹

¹Computational Optics Group, University of Tsukuba, Tsukuba, Ibaraki, Japan

²Department of Ophthalmology, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan

³Department of Advanced Vision Science, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan

⁴Laboratory of Regenerative Medicine and Stem Cell Biology, Graduate School of Comprehensive Human Sciences, University of Tsukuba, Tsukuba, Ibaraki, Japan

⁵Divison of Medical Sciences, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan ⁶Department of Physics, Faculty of Science, Damietta University, 34517 New Damietta City, Damietta, Egypt

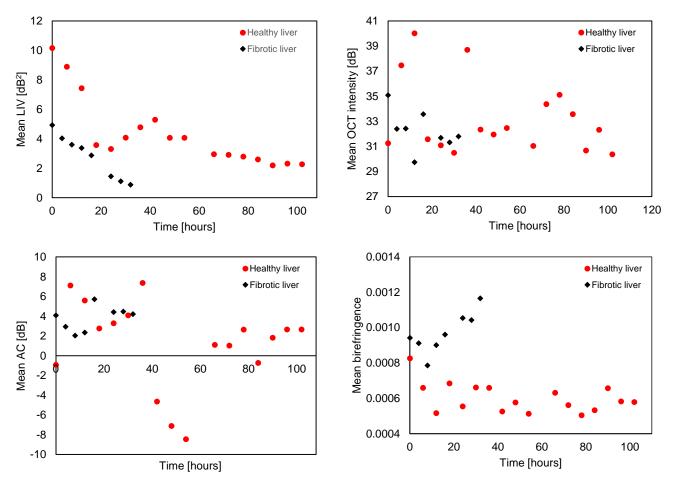


Figure S2: Comparison of mean LIV, OCT intensity, AC, and birefringence between healthy and fibrotic mouse livers.