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Quantitative microfluidic fluorescence microscopy to study
vaso-occlusion in Sickle Cell Disease

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Contributions: M.A.J. performed all the experiments. E.T. prepared endothelialized substrates for microfluidic devices. E.M.N. and S.B. provided the blood samples from SS and control subjects at the UPMC Adult Sickle Cell Clinic. P.S. supervised the project. P.S. and M.A.J. wrote the manuscript. All the authors commented on the manuscript.