

Supplemental Video 1. Time series data of mepacrine-labeled leukocytes flowing over fibrin(ogen) coated channels. Whole blood was initially perfused at 4 dyn/cm² for 10 minutes to allow platelets (speckled background) to adhere to the fibrin(ogen) coating, then the shear stress was reduced to 2 dyn/cm² to assess leukocyte adhesion. Note the decreased number of leukocytes adhered in the presence of vimentin (top channel) as compared to control (bottom channel).

Supplemental Video 2. Pseudo-colored, time series images of isolated PMN (bright green) flowing over IL-1 β -stimulated HUVEC monolayers at 2 dyn/cm². The bright green cells are neutrophils whereas the blue-green cells are HUVEC. The addition of rhVim (top channel) decreased isolated PMN adhesion to IL-1 β -stimulated HUVEC monolayers.