

Captions for Supplemental Movies:

Supplemental Movie 1. Typical movie captured during a biophysical flow cytometry experiment. In this movie, neutrophils are transiting through the network of parallel microchannels. Scalebar 50 μm .

Supplemental Movie 2. Closeup of neutrophils transiting through the microchannels of the biophysical flow cytometer. This movie corresponds to Figure 2B-C. Scalebar 20 μm .