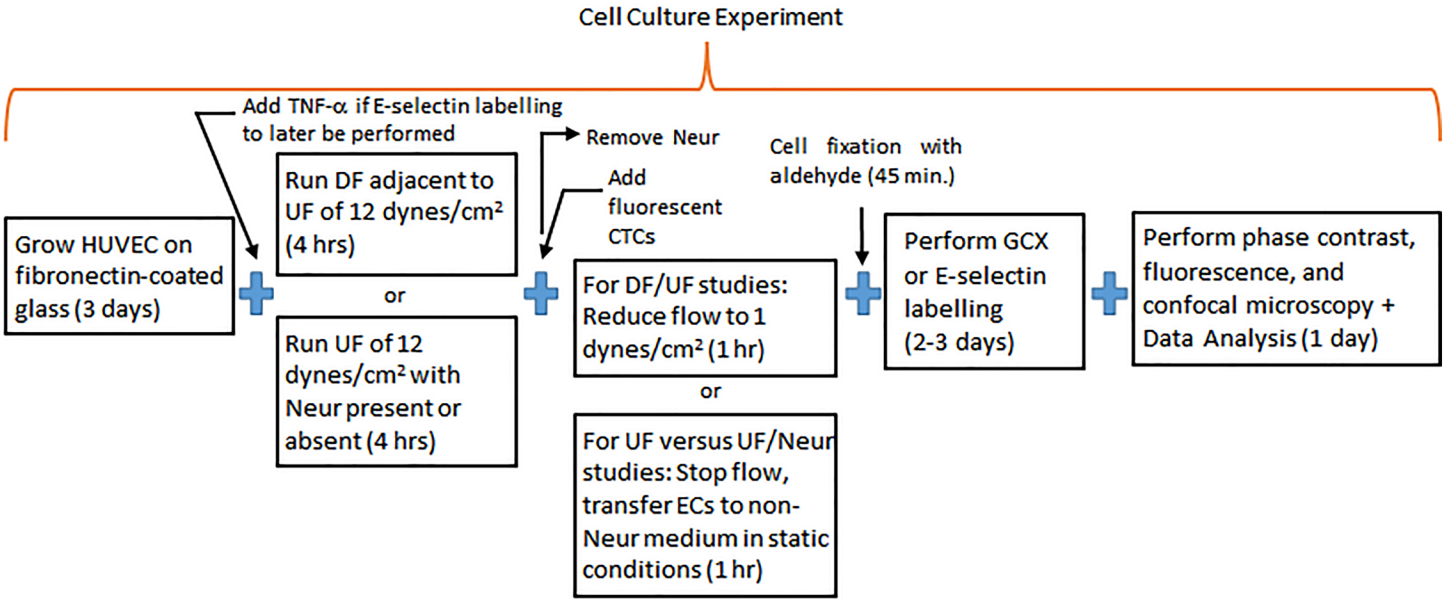
Figure S1


Cell Culture Experiment
Add TNF-α if E-selectin labelling to later be performed
Remove Neur
Add fluorescent CTCs
Cell fixation with aldehyde (45 min.)
Grow HUVEC on fibronectin-coated glass (3 days)
Run DF adjacent to UF of 12 dynes/cm² (4 hrs)
or
Run UF of 12 dynes/cm² with Neur present or absent (4 hrs)
For DF/UF studies: Reduce flow to 1 dynes/cm² (1 hr)
or
For UF versus UF/Neur studies: Stop flow, transfer ECs to non-Neur medium in static conditions (1 hr)
Perform GCX or E-selectin labelling (2-3 days)
Perform phase contrast, fluorescence, and confocal microscopy + Data Analysis (1 day)