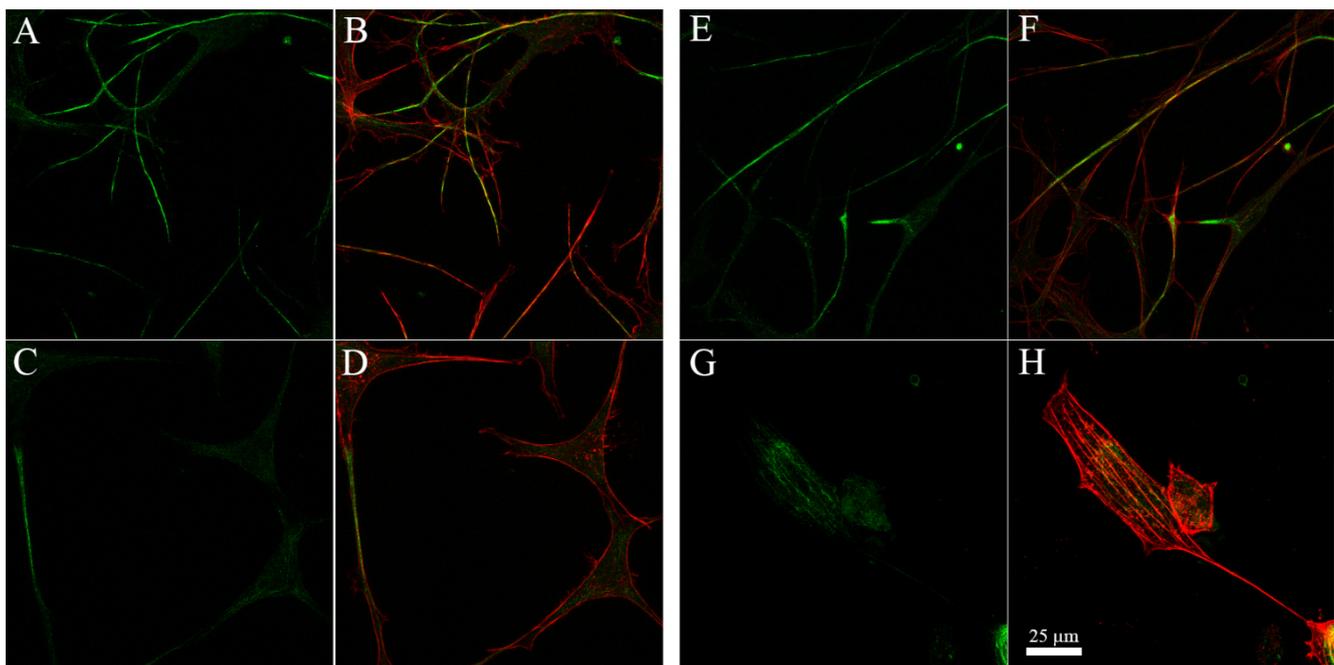


## Supplementary Materials



**Figure S1.** Rac GTP Immunolabeling of corneal keratocytes on the bottom of 3-D collagen matrices. Green = Rac GTP, Red = F-actin. (A,C,E,G) show Rac GTP labeling. (B,D,F,H) show overlays of Rac GTP and F-actin labeling. (A,B) Cells cultured for 24 h in basal serum free media. Dendritic processes showed the strongest labeling with the RacGTP antibody; (C,D) Cells cultured in basal media plus NSC23766. Incubation with NSC23766 for 24 h resulted in a reduction in the intensity of RacGTP labeling of dendritic processes in some cells; (E,F) Cells cultured in PDGF for 24 h. Strong RacGTP labeling of the dendritic cell processes was observed, with much weaker labeling of the cell body; (G,H) Incubation with NSC23766 and PDGF resulted in the development of stress fibers, and RacGTP labeling was observed in the cell body, but barely detectable in the cell processes.