



SUPPLEMENTARY FIG. S1. (A) Normalized focal adhesion areas were calculated by analysis of confocal images with custom MATLAB routine. (B) Percentage positive population (PPC) of mesenchymal stem cells (MSCs) calculated using FACS-DIVA for CD29, CD51, and VCAM1 after 24-h treatment with soluble factors. (C) Histograms of soluble factor MSCs from flow cytometry for CD54/ICAM (after 24 h) and PDGFR-B (after 1 h). Gated percent positive population of MSCs compared with the negative population (black histogram) is indicated as mean \pm standard error of the mean (SEM). (D) PPC and mean fluorescence intensity (MFI) calculated for CD54 after 24 h. (E) PPC and MFI calculated for CD140b/PDGFR-B after 1 h. Statistical significances are indicated as (*) for $p < 0.05$, (**) for $p < 0.005$, and (***) for $p < 0.0005$.