

Hyaluronic acid drives mesenchymal stromal cell-derived extracellular matrix assembly by promoting fibronectin fibrillogenesis - Electronic Supplementary Information

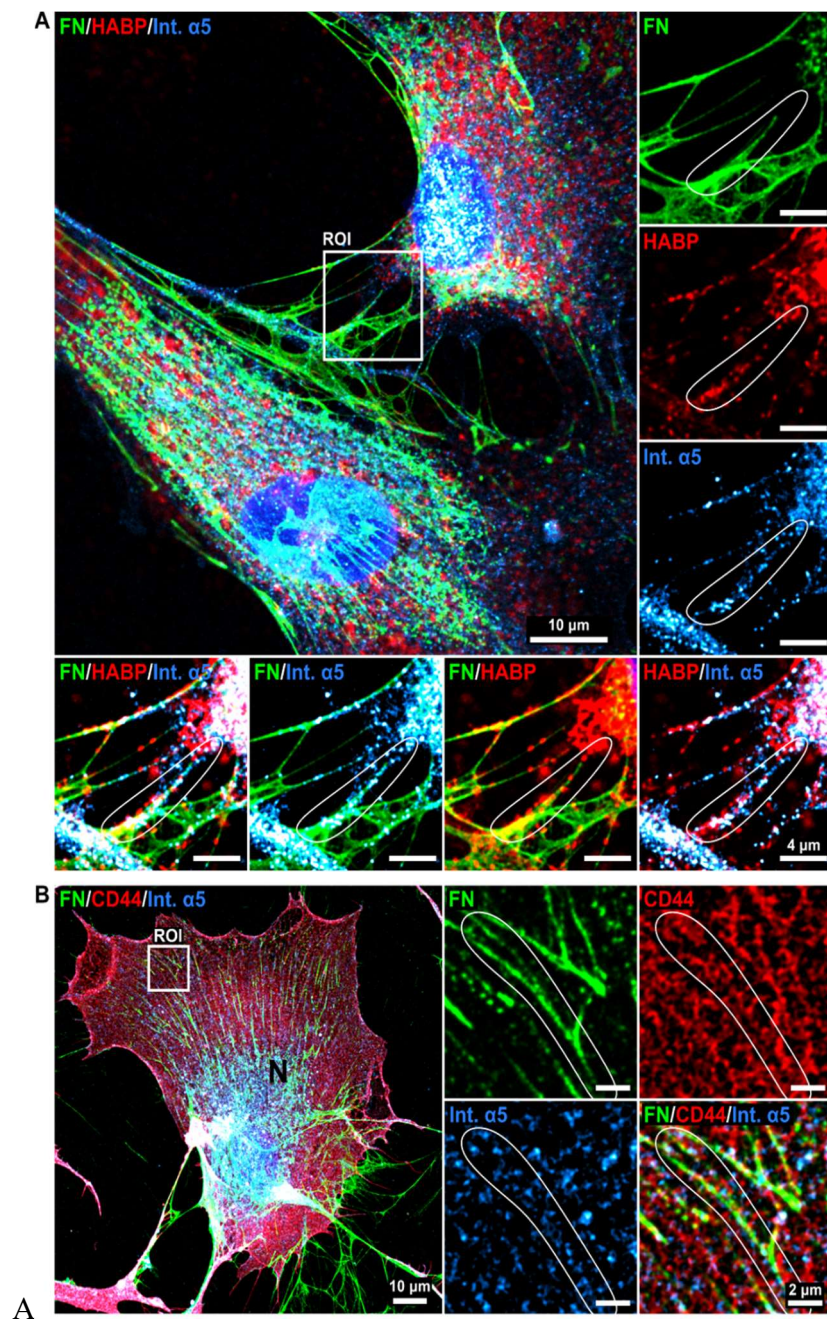


Figure S1: HA and CD44 are present in loci of fibronectin assembly of HA supplemented cultures. Confocal images of HABP-labeled HA and immunolabeled fibronectin (FN), CD44 and integrin $\alpha 5$ (int. $\alpha 5$) in human bmMSCs after 2 days of incubation with HA 500 $\mu\text{g}/\text{ml}$. Squares indicate regions of interest (ROIs) that are magnified at the side and depict integrin $\alpha 5$ at sites of active FN fibrillogenesis (fibrillar adhesions, indicated in circled areas) and HA (A) or CD44 (B). $n=6$ biological replicates. Scale bar = 20 μm , ROIs = 2 μm .