Supplemental Figure 3

Effect of HA and 4-MU on the formation of “tube-like” structures by hLLECs. (A) The tube formation assay was used to study the role of HA on lymphatic vessel formation. For such, hLLECs were seeded on Matrigel and maintained in the presence or absence of HA or 4-MU. Representative images were acquired of control (untreated), HMWHA, LMWHA and 4-MU-treated hLLECs after 24 hours. (B-D) The ability of the hLLECs to assemble into “tube-like” structures was quantified using an imageJ plugin. The quantitative data for number of nodes, junctions, segments and branch length are represented graphically. Data represent the mean ± SD of the total number for each condition. * represents p≤0.05.