ADVANCED HEALTHCARE MATERIALS

Supporting Information

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Extracellular Trap-Mimicking DNA-Histone Mesostructures Synergistically Activate Dendritic Cells

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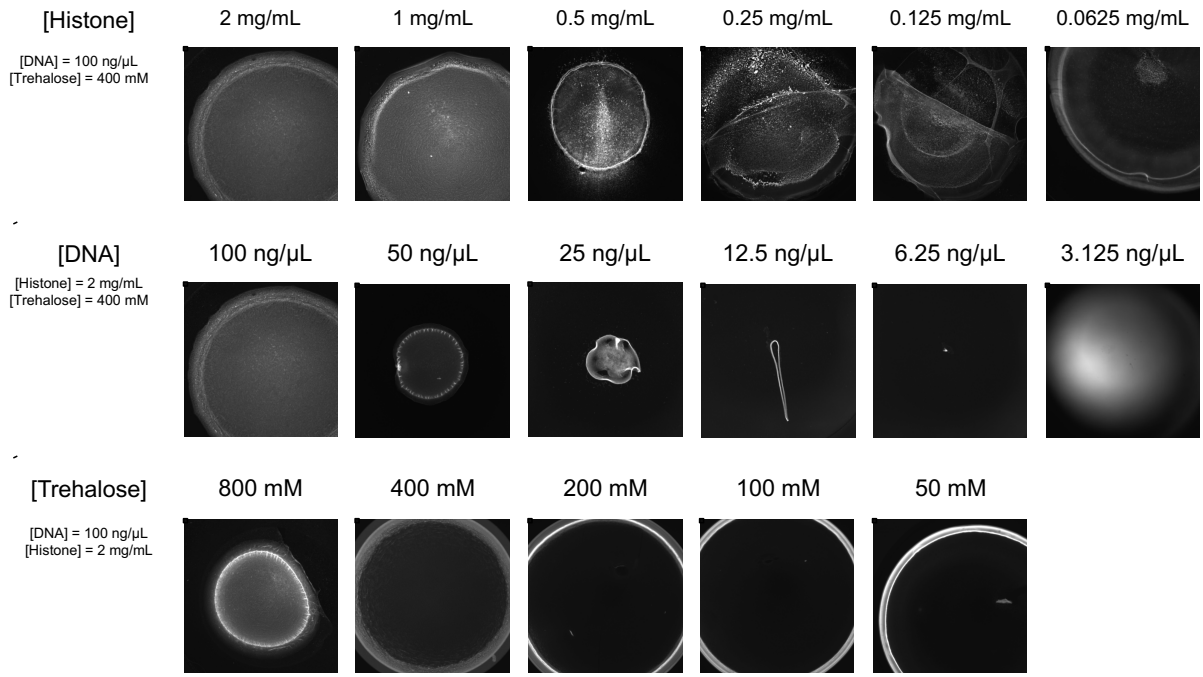

Figure S1. A summary of the DHM component optimization process. The concentration of one component was varied while maintaining the concentration of the two remaining components in each row.

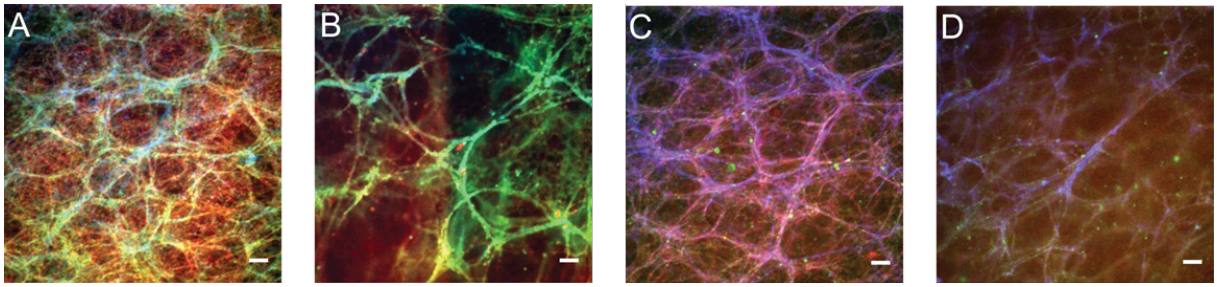

Figure S2. Visualization of DNA and Protein Distribution on DHMs. Immunolabeled micrographs showing the distribution of histone subunits H1 (Green) and H3 (Red) at the center (A) and edge (B) of a DHM; as well as the distribution of histone subunits H4 (Green) and H2

(Red) at the center (C) and edge (D) of a DHM. DAPI-labeled DNA appears blue in all four panels. Scale bar represents 5 μm.

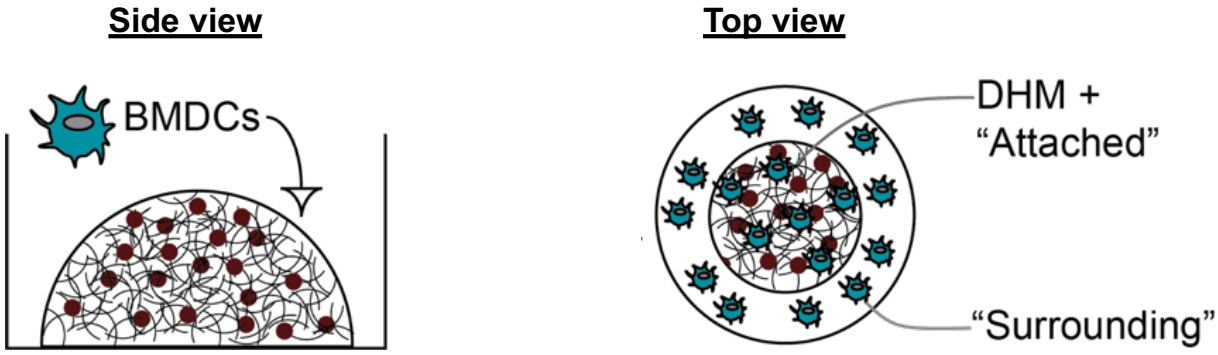

Figure S3. Flow Cytometry Assay Workflow. BMDCs were added to DHMs and incubated overnight. Cell classifications are shown in an overhead well view: "attached" cells were isolated by forcefully pipetting the DHMs out of the well and digesting with DNase. After the removal of the DHM, "surrounding" cells were removed via trypsin.