Electronic Supplementary Material (ESI) for Soft Matter

Role of Superhydrophobicity in the Biological Activity of Fibronectin at the Cell–Material Interface

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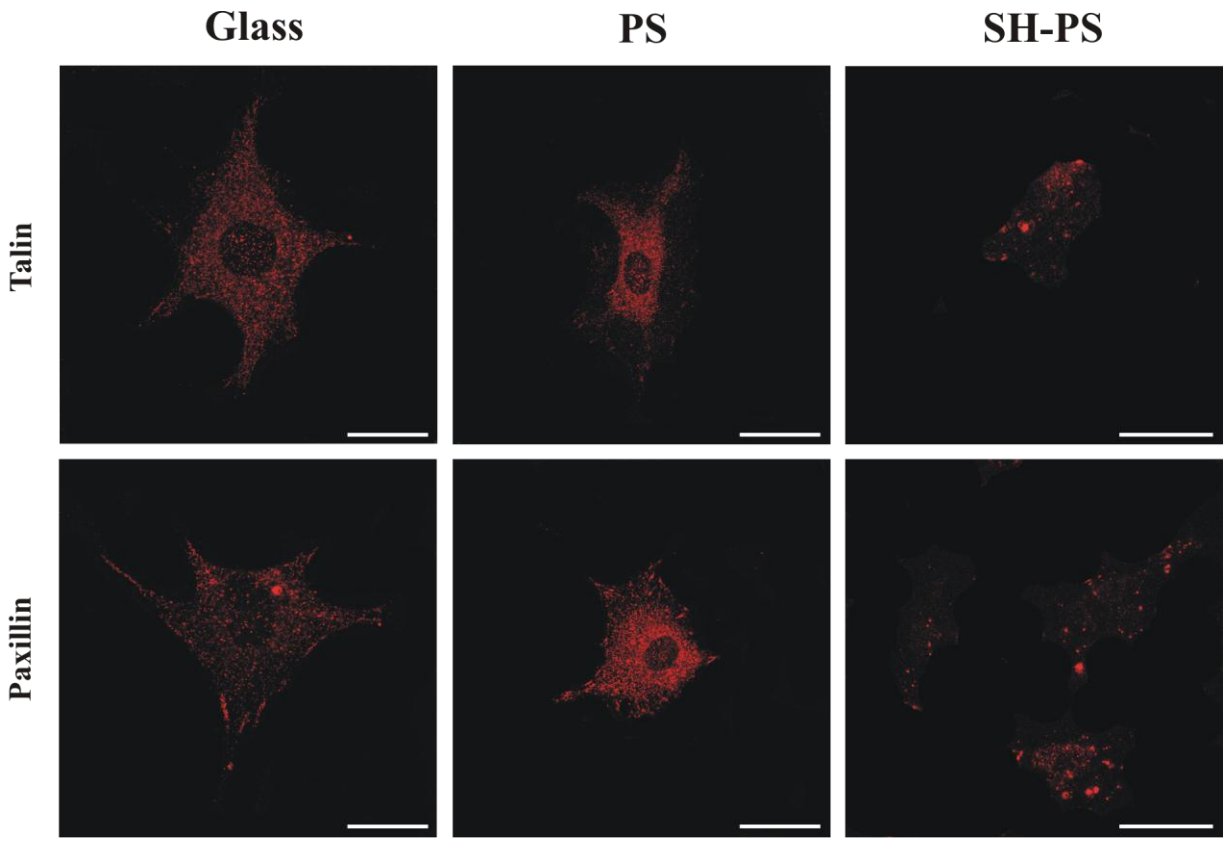
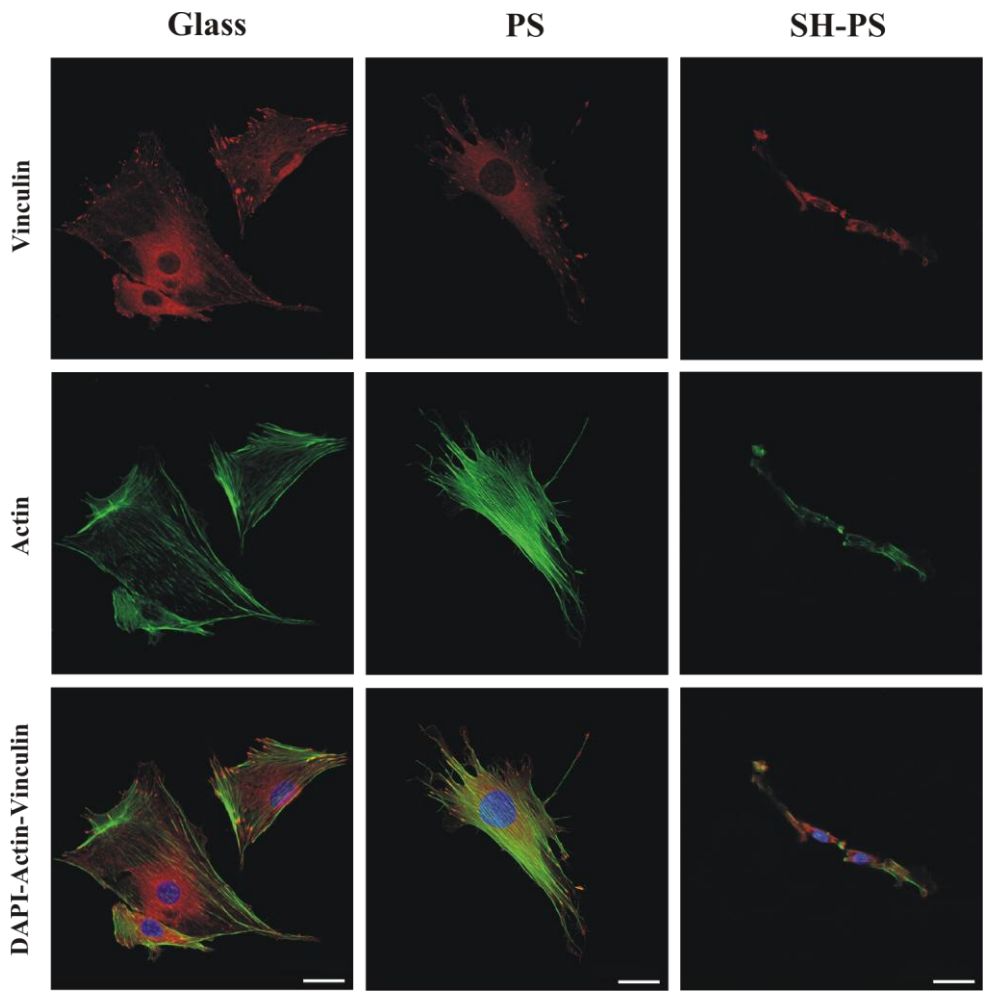
SUPPORTING INFORMATION

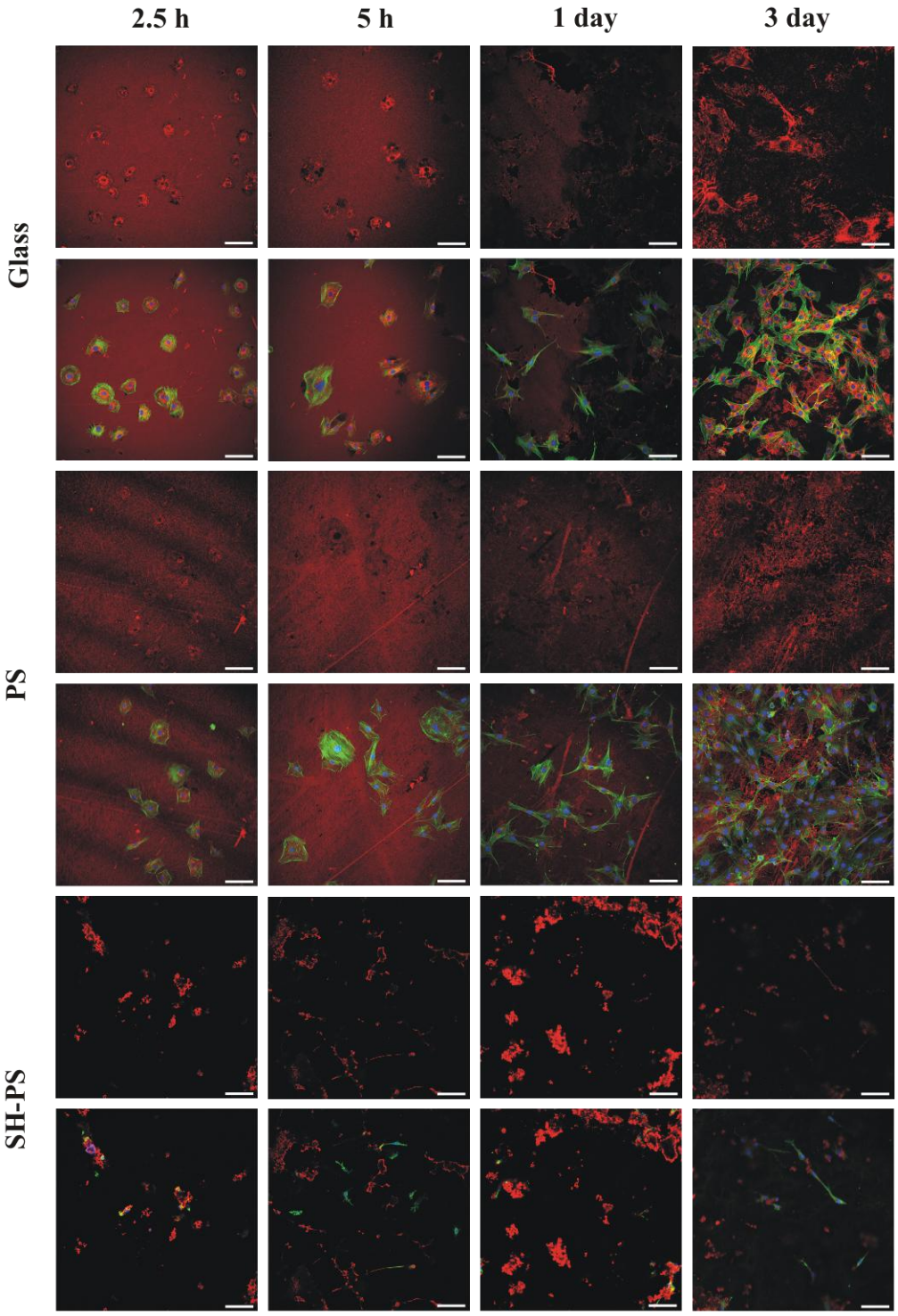
Additional data on cell adhesion and fibronectin reorganization is included.



Supplementary Figure S1. Focal adhesion proteins talin and paxillin for MC3T3-E1 cells after 3 h on the different FN-coated surfaces. Scale bar is 30 μm.



Supplementary Figure S2. MC3T3-E1 cells after 1 day on the different FN-coated surfaces. First row/line shows focal adhesion protein vinculin, second one F-actin cytoskeleton. The third one shows superposition including DAPI-stained nuclei. (scale bar 30 μm).



Supplementary Figure S3. Cellular reorganization and secretion of FN on the different substrates after 2.5h, 5 h, 1 d and 5 d of culture. Actin cytoskeleton is included in the bottom images for the sake of cell identification.