Role of Surface Chemistry in Protein Remodeling at the Cell-Material Interface

Virginia Llopis-Hernández¹⊥, Patricia Rico¹,²⊥, José Ballester-Beltrán¹, David Moratal¹, Manuel Salmerón-Sánchez¹,²,³*

1 Center for Biomaterials and Tissue Engineering, Universidad Politécnica de Valencia, Spain, 2 CIBER de Bioingeniería, Biomateriales y Nanomedicina (CIBER-BBN), Valencia, Spain, 3 Regenerative Medicine Unit, Centro de Investigación Príncipe Felipe, Valencia, Spain

⊥ These two authors contributed equally to this work. *Email: masalsan@fis.upv.es

Supplementary Figures

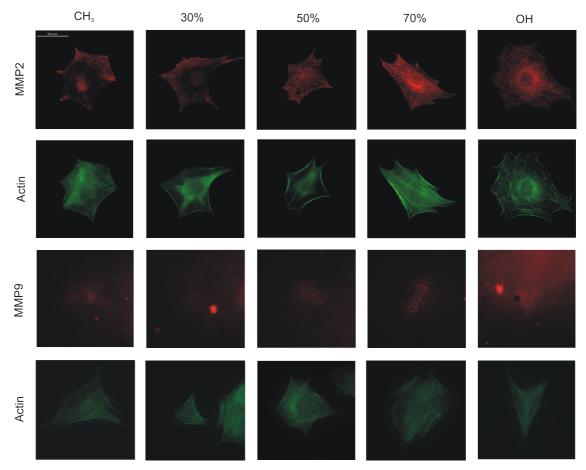


Figure S6. Immunofluorescence for matrix metalloproteinases MMP2 and MMP9 after 1 day of culture on the FN-coated SAMs (identified by the percentage of OH groups). Fluorescence distribution and intensity is in agreement with protein expression displayed in Figure 6. The corresponding image for F-actin is also included for the sake of cell identification. The scale bar is $50 \, \mu m$.