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Supporting Information

Surface Hydroxyl Groups Regulate the Osteogenic Differentiation of Mesenchymal Stem Cells on Titanium and Tantalum Metals

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Table S1. Primer sequences for real-time PCR.

Gene	Primer squences (5'-3')
Collagen I	F: TCCTGCCGATGTCGCTATC
	R: CAAGTTCCGGTGTGACTCGTG
Runx2	F: GCTTCTCCAACCCACGAATG
1033312	R: GAACTGATAGGACGCTGACGA
OCN	F: AAAGCCCAGCGACTCT
	R: CTAAACGGTGGTGCCATAGAT
GAPDH	F: GGCACAGTCAAGGCTGAGAATG
	R: ATGGTGGTGAAGACGCCAGTA

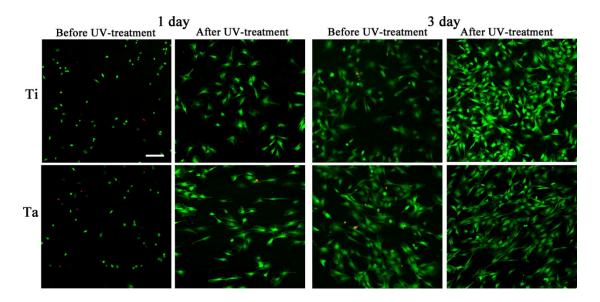


Figure S1. Viability of MSCs on Ti and Ta substrates (before and after UV treatment) after 1 day and 3 days of culture demonstrated by live-dead staining. All the images share one scale bar in the first image, $100 \, \mu m$.