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Functionalization of Titanium Substrate with Multifunctional Peptide OGP-NAC for the Regulation of Osteoimmunology

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Table S1 The real-time polymerase chain reaction primers of osteoclast-related genes

Target gene	Forward (5'-3')	Reverse (5'-3')
β -actin	ATTTCTGAATGGCCCAGGT	CTGCCTCAACACCTCAACC
TNF- α	CAGGCGGTGCCTATGTCTC	CGATCACCCCGAAGTTCAGTAG
IL-1 β	TGCCACCTTTTGACAGTGATG	TGATGTGCTGCTGCGAGATT
RANK	CAGGAGAGGCATTATGAGCA	GGTACTTTCCTGGTTCGCAT
TRAP	GATGCCAGCGACAAGAGGTT	CATACCAGGGGATGTTGCGAA
CTSK	GAAGAAGACTCACCAGAAGCAG	TCCAGGTTATGGGCAGAGATT
MMP-9	CTGGACAGCCAGACACTAAAG	CTCGCGGCAAGTCTTCAGAG
c-Fos	GGTGAAGACCGTGTGAGGAG	TATTCCGTTCCCTTCGGATT
NFATc1	CAACGCCCTGACCACCGATAG	GGGAAGTCAGAAGTGGGTGGA

Table S2 The real-time polymerase chain reaction primers of osteoblast-specific genes

Target gene	Forward (5'-3')	Reverse (5'-3')
GAPDH	GCTCTCCAGAACATCATCC	TGCTTCACCACCTTCTTG
Runx 2	GCCGTAGAGAGCAGGGAAGAC	CTGGCTTGGATTAGGGAGTCAC
ALP	AGCGACACGGACAAGAAGC	GGCAAAGACCGCCACATC
Col I	CCTGAGCCAGCAGATTGA	TCCGCTCTCCAGTCAG
OCN	GAGGGCAGTAAGGTGGTGAA	COTCCTGGAAGCCAATGTG
OPN	GACAGCAACGGGAAGACC	CAGGCTGGCTTTGGAAC
OPG	GCCCAGACGAGATTGAGAG	CAGACTGTGGGTGACGGTT
RANKL	CATGAAACCTCAGGGAGCGT	GTTGGACACCTGGACGCTAA