

RESEARCH ARTICLE

# 3D-printed mesoporous bioglass/polycaprolactone scaffolds induce macrophage polarization toward M2 phenotype and immunomodulates osteogenic differentiation of BMSCs

## Supplementary File

Table S1. Sequences of primers used in real-time quantification of selected genes

Gene	Forward (5'-3')	Reverse (5'-3')
<i>Gapdh</i>	GCCATGAGGTCCACCACCT	AAGGTCATCCCAGAGCTG
<i>Alp</i>	GGAGATGGTATGGGCGTCTC	GGACCTGAGCGTTGGTGTTA
<i>Runx2</i>	TCGGAGAGGTACCAGATGGG	AGGTGAAACTCTTGCCCTCGT
<i>Opn</i>	TGAAACTCGTGGCTCTGATG	GATGAACCAAGCGTGAAAC
<i>Col1</i>	TTCTCCTGGCAAAGACGGAC	CTCAAGGTCACGGTCACGAA
<i>Bmp2</i>	ACCCGCTGTCTTCTAGTGTTG	TTCTTCGTGATGGAAGCTGAG
<i>CD206</i>	ATGGATGTTGATGGCTACTGG	TTCTGACTCTGGACACTTGC
<i>Arg</i>	CATATCTGCCAAAGACATCG	GGTCTCTCCATCACCTTGC
<i>Tnfa</i>	GGGTGTTTCATCCATTCTC	GGTCACTGTCCCAGCAT
<i>Il1b</i>	TACAGGCTCCGAGATGAACA	AGGCCACAGGTATTTTGTCG

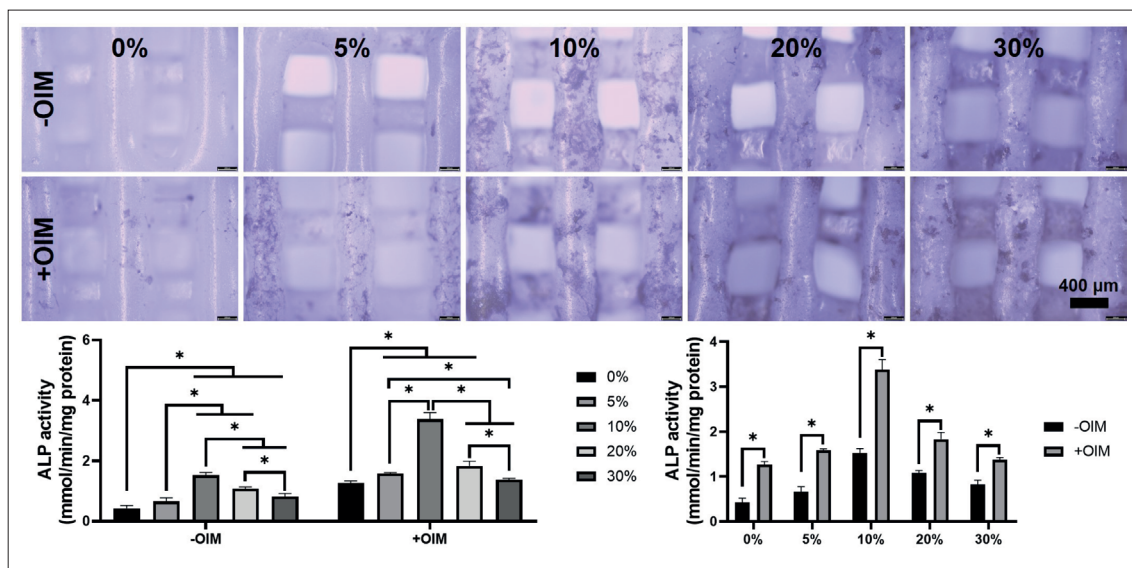


Figure S1. ALP staining and quantification plots of scaffolds with different MBG content co-cultured with BMSCs for 7 days under +OIM or -OIM conditions. “OIM” denotes osteoinductive fluid.