

ARTICLE

SUPPORTING INFORMATION

Table S1. Nominal composition (mol.%) and the amount of the reactants (g) of the mesoporous bioactive glass scaffolds.

Sample	Nominal composition (mol.%)	TEOS (g)	Ca(NO ₃) ₂ ·4H ₂ O (g)	TEP (g)	Substituent precursor (g)
B	80%SiO ₂ -15%CaO-5%P ₂ O ₅				-
4.0Zn	(80-x)%SiO ₂ -15%CaO-5%P ₂ O ₅ -4.0%ZnO	8.3	1.7	0.9	0.60
7.0Zn	(80-x)%SiO ₂ -15%CaO-5%P ₂ O ₅ -7.0%ZnO				1.00

Table S2 Chemical composition (mol %) of B, 4.0Zn and 7.0Zn MBG scaffolds obtained by EDX. The values are means ± standard errors.

Samples	SiO ₂	P ₂ O ₅	CaO	ZnO
B	74	11	15	---
4.0Zn	73	8	15	4
7.0Zn	71	6	15	7.8

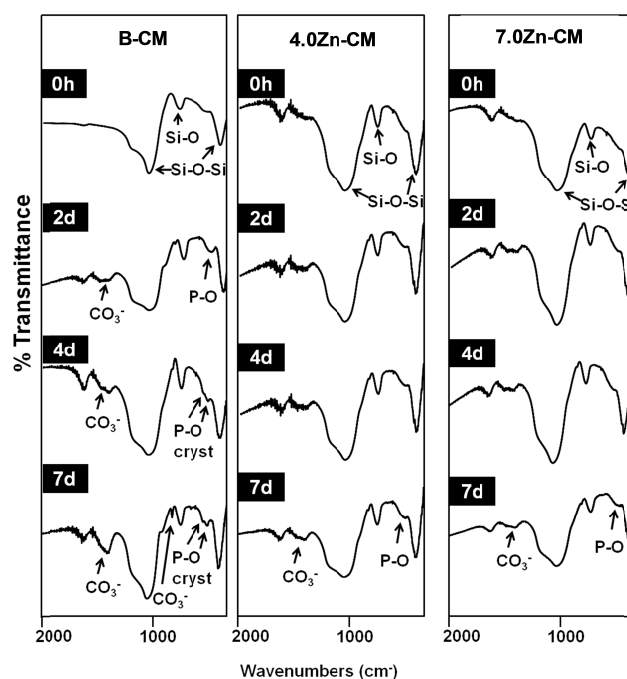


Figure S1. FTIR spectra of B, 4.0Zn and 7.0Zn MBG scaffolds before and after soaking in complete medium (CM).

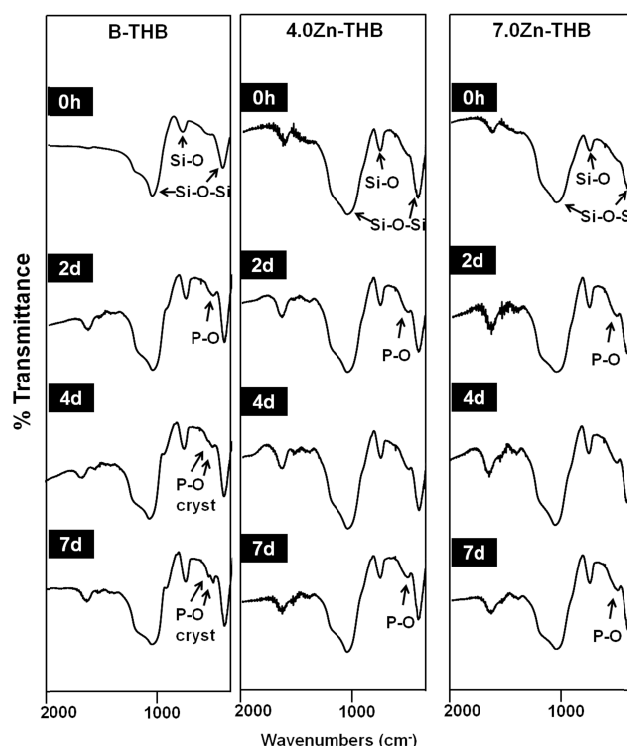


Figure S2. FTIR spectra of B, 4.0Zn and 7.0Zn MBG scaffolds before and after soaking in THB.