

# Supplementary Materials: Assessment of the Toxicity of Bio-compatible Materials Supporting Bone Regeneration: Impact of the Type of Assay and Used Controls

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**Table S1.** Results of the statistical analysis of cell proliferation of cells incubated with composites extracts. Control cells cultured in cell media were used as a baseline for the analysis.

Comparison	Difference statistically significant	<i>p</i> value
CH vs. CHB	No	0.2906
CH vs. CHBp1-1	Yes	< 0.0001
CH vs. CHBp1-2	Yes	0.0001
CH vs. CHBp3	Yes	< 0.0001
CH vs. CHBp2	Yes	0.0457
CH vs. CHBp4-1	Yes	0.0197
CH vs. CHBp4-2	Yes	0.0331
CHB vs. CHBp1-1	Yes	0.0003
CHB vs. CHBp1-2	Yes	0.0021
CHB vs. CHBp3	Yes	0.0001
CHB vs. CHBp2	No	0.1631
CHB vs. CHBp4-1	No	0.0782
CHB vs. CHBp4-2	No	0.1161
CHBp1-1 vs. CHBp1-2	No	0.5251
CHBp1-1 vs. CHBp3	No	0.6005
CHBp1-1 vs. CHBp2	Yes	0.0457
CHBp1-1 vs. CHBp4-1	No	0.0893
CHBp1-1 vs. CHBp4-2	No	0.0623
CHBp1-2 vs. CHBp3	No	0.4229
CHBp1-2 vs. CHBp2	No	0.0936
CHBp1-2 vs. CHBp4-1	No	0.1767
CHBp1-2 vs. CHBp4-2	No	0.1262
CHBp3 vs. CHBp2	Yes	0.0331
CHBp3 vs. CHBp4-1	No	0.0623
CHBp3 vs. CHBp4-2	Yes	0.0457
CHBp2 vs. CHBp4-1	No	0.5326
CHBp2 vs. CHBp4-2	No	0.6005
CHBp4-1 vs. CHBp4-2	No	0.6005

**Table S2.** Results of the statistical analysis of cell proliferation of cells incubated with composites extracts. Cells incubated with the chitosan extract were used as a baseline for the analysis.

Comparison	Difference statistically significant	p value
CHB vs. CHBp1-1	Yes	0.0004
CHB vs. CHBp1-2	Yes	0.0065
CHB vs. CHBp3	Yes	< 0.0001
CHB vs. CHBp2	No	0.1710
CHB vs. CHBp4-1	Yes	0.0077
CHB vs. CHBp4-2	Yes	0.0077
CHBp1-1 vs. CHBp1-2	No	0.4385
CHBp1-1 vs. CHBp3	No	0.4319
CHBp1-1 vs. CHBp2	No	0.1357
CHBp1-1 vs. CHBp4-1	No	0.3968
CHBp1-1 vs. CHBp4-2	No	0.4385
CHBp1-2 vs. CHBp3	No	0.2170
CHBp1-2 vs. CHBp2	No	0.3008
CHBp1-2 vs. CHBp4-1	No	0.6823
CHBp1-2 vs. CHBp4-2	No	0.7475
CHBp3 vs. CHBp2	Yes	0.0233
CHBp3 vs. CHBp4-1	No	0.1710
CHBp3 vs. CHBp4-2	No	0.2266
CHBp2 vs. CHBp4-1	No	0.3369
CHBp2 vs. CHBp4-2	No	0.3008
CHBp4-1 vs. CHBp4-2	No	0.6823

**Table S3.** Results of the statistical analysis of cell proliferation of cells incubated with composites extracts. Cells incubated with the chitosan-bioglass extract were used as a baseline for the analysis.

Comparison	Difference statistically significant	p value
CHBp1-1 vs. CHBp1-2	No	0.7931
CHBp1-1 vs. CHBp3	No	0.7136
CHBp1-1 vs. CHBp2	No	0.7136
CHBp1-1 vs. CHBp4-1	No	0.9337
CHBp1-1 vs. CHBp4-2	No	0.8645
CHBp1-2 vs. CHBp3	No	0.2724
CHBp1-2 vs. CHBp2	No	0.9557
CHBp1-2 vs. CHBp4-1	No	0.9337
CHBp1-2 vs. CHBp4-2	No	0.9557
CHBp3 vs. CHBp2	No	0.2724
CHBp3 vs. CHBp4-1	No	0.4025
CHBp3 vs. CHBp4-2	No	0.3001
CHBp2 vs. CHBp4-1	No	0.9047
CHBp2 vs. CHBp4-2	No	0.9499
CHBp4-1 vs. CHBp4-2	No	0.9499