

Supporting Information

Cuttlefish Bone-derived Calcium Phosphate Bioceramics Have Enhanced Osteogenic Properties

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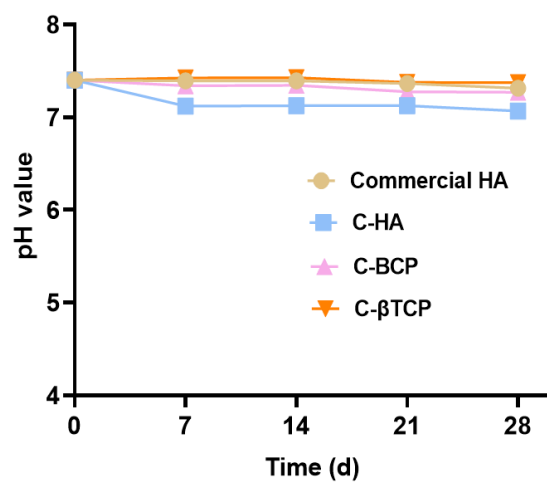


Figure S1. The pH change of the samples immersed in PBS solution.

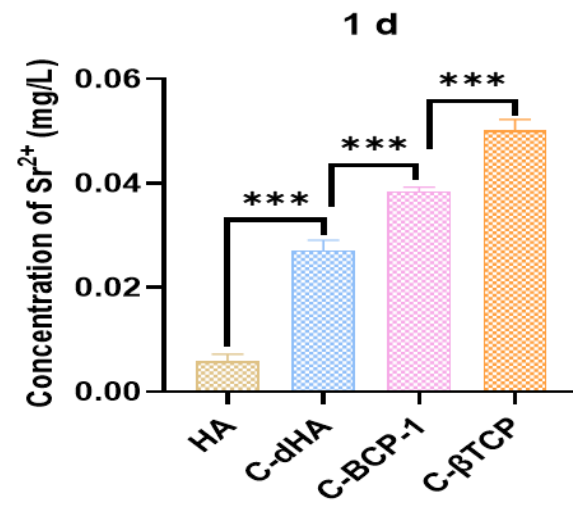


Figure S2. Sr^{2+} concentrations released from different samples after PBS immersion for 1 day. (***) $P < 0.01$)

Table S1. The loss of mass of Calcium phosphate bioceramics.

Time (d)	HA (%)	C-HA (%)	C-BCP (%)	C- β TCP (%)
7	2.33 \pm 0.66	2.67 \pm 0.67	3.33 \pm 0.67	12.33 \pm 0.67
14	4.22 \pm 0.45	5.00 \pm 0.67	6.78 \pm 0.78	21.78 \pm 1.11
21	5.89 \pm 0.44	10.45 \pm 0.78	13.55 \pm 1.45	23.66 \pm 0.67
28	6.78 \pm 0.89	15.78 \pm 1.11	19.11 \pm 0.56	38.89 \pm 0.56

Table S2. Chemical composition determined by ICP-AES analysis.

Element	BCP(wt%)
Ca	38.4789
P	19.8896
Sr	0.2254
Na	0.1687
K	0.0924
S	0.0462
Mg	0.0124
Al	0.0102
Si	0.0099
Fe	0.0037
Zn	0.0033
Cu	0.0033