Supplementary table 2 – Correspondence of sample composition (proportion of hydroxyapatite and type I collagen considering $C_{57}H_{91}N_{19}O_{16}$) and the average atomic number (Z).

sample	Average Z
100HAp	14.2
5coll95HAp	13.8
10coll90HAp	13.4
15coll85HAp	13.0
20coll80HAp	12.6
25coll75HAp	12.2
30coll70HAp	11.8
35coll65HAp	11.4
40coll60HAp	11.0
45coll55HAp	10.6
50coll50HAp	10.2
55coll45HAp	9.8
60coll40HAp	9.4
65coll35HAp	9.0
70coll30HAp	8.6
75coll25HAp	8.2
80coll20HAp	7.8
85coll15HAp	7.4
90coll10HAp	7.0
95coll5HAp	6.6
100% coll	6.3