

In vitro biomimetic approach of Hydroxyapatite/Silk fibre/Methylcellulose composite for bone tissue engineering applications

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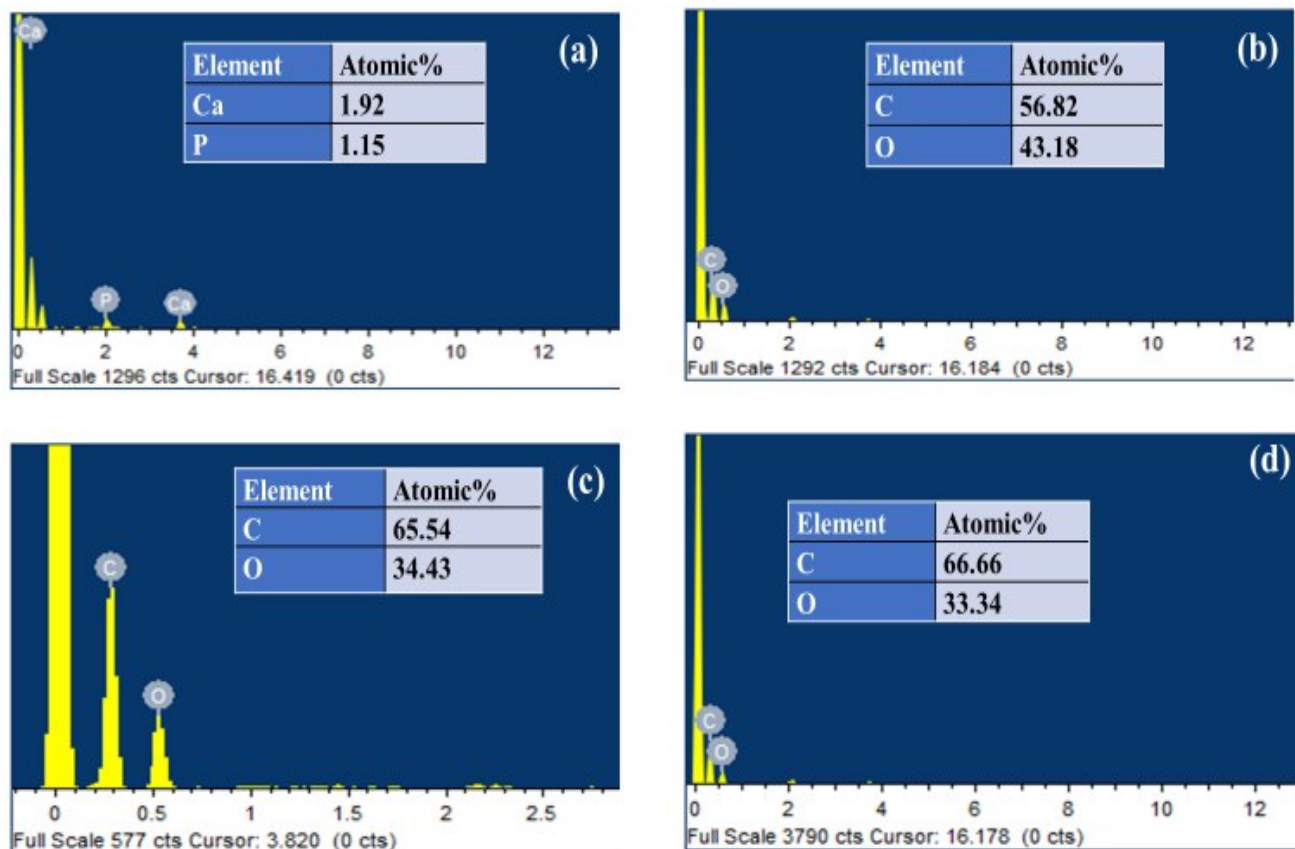


Fig.S1. EDAX images of (a) pure HAP, (b) SF/MC (1:1), (c) SF/MC (1:2) and (d) SF/MC (2:1)

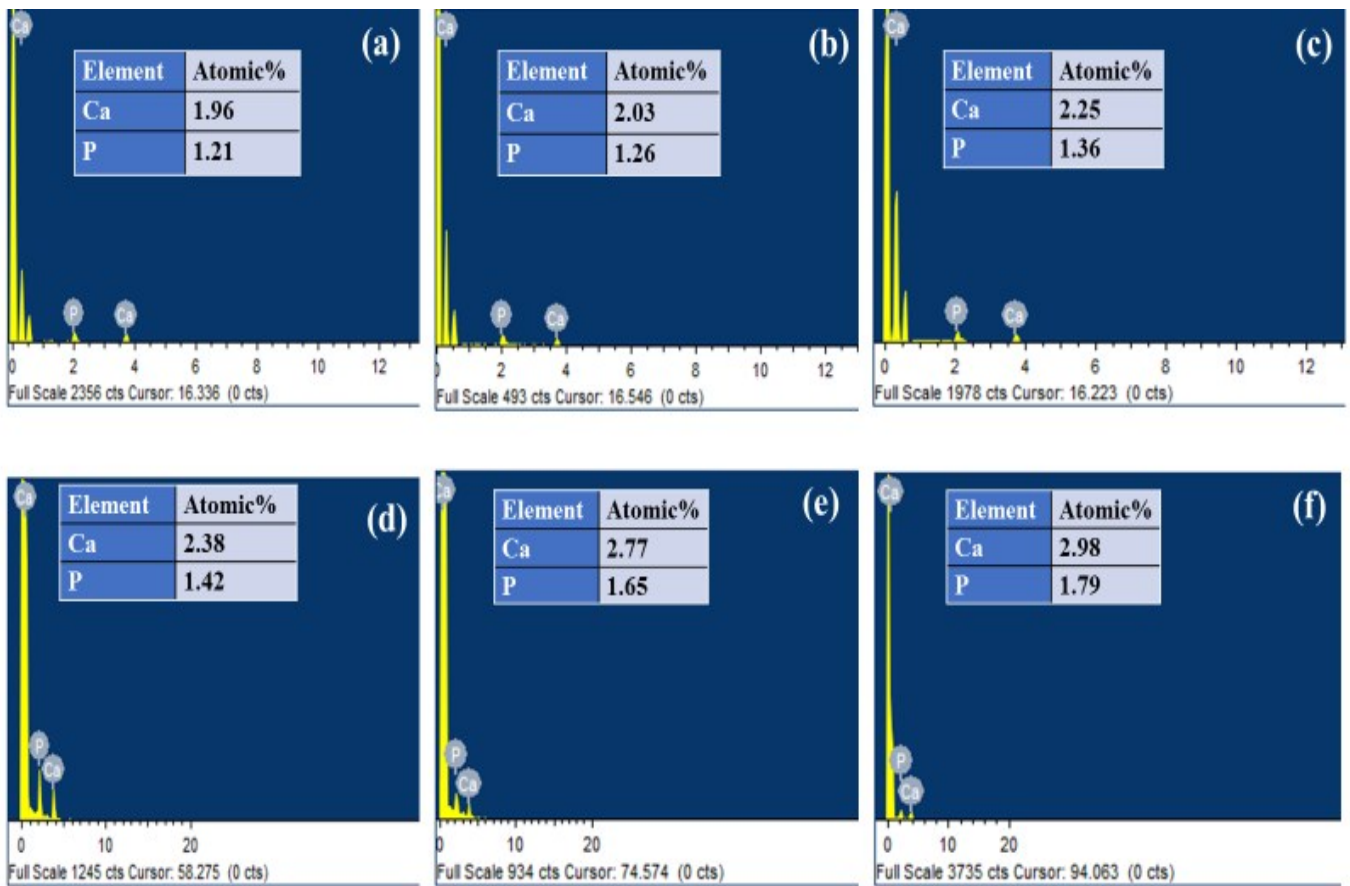


Fig. S2. EDAX images of SF/MC (1:1): (a) 2 wt% of HAP, (b) 5 wt% of HAP, (c) 10 wt% of HAP, (d) 15 wt% of HAP, (e) 20 wt% of HAP and (f) 25 wt% of HAP.

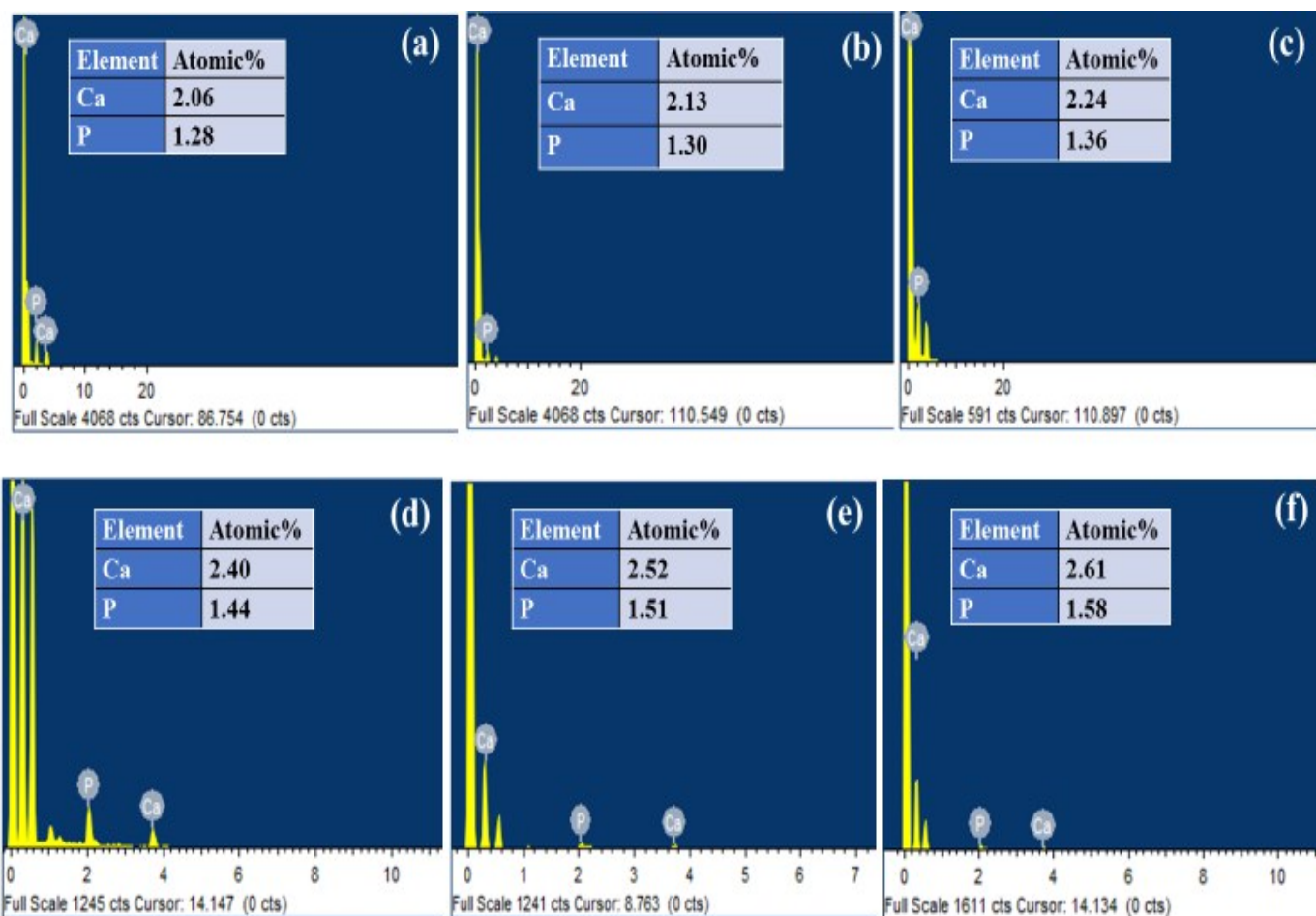


Fig. S3. EDAX images of SF/MC (1:2): (a) 2 wt% of HAP, (b) 5 wt% of HAP, (c) 10 wt% of HAP, (d) 15 wt% of HAP, (e) 20 wt% of HAP and (f) 25 wt% of HAP

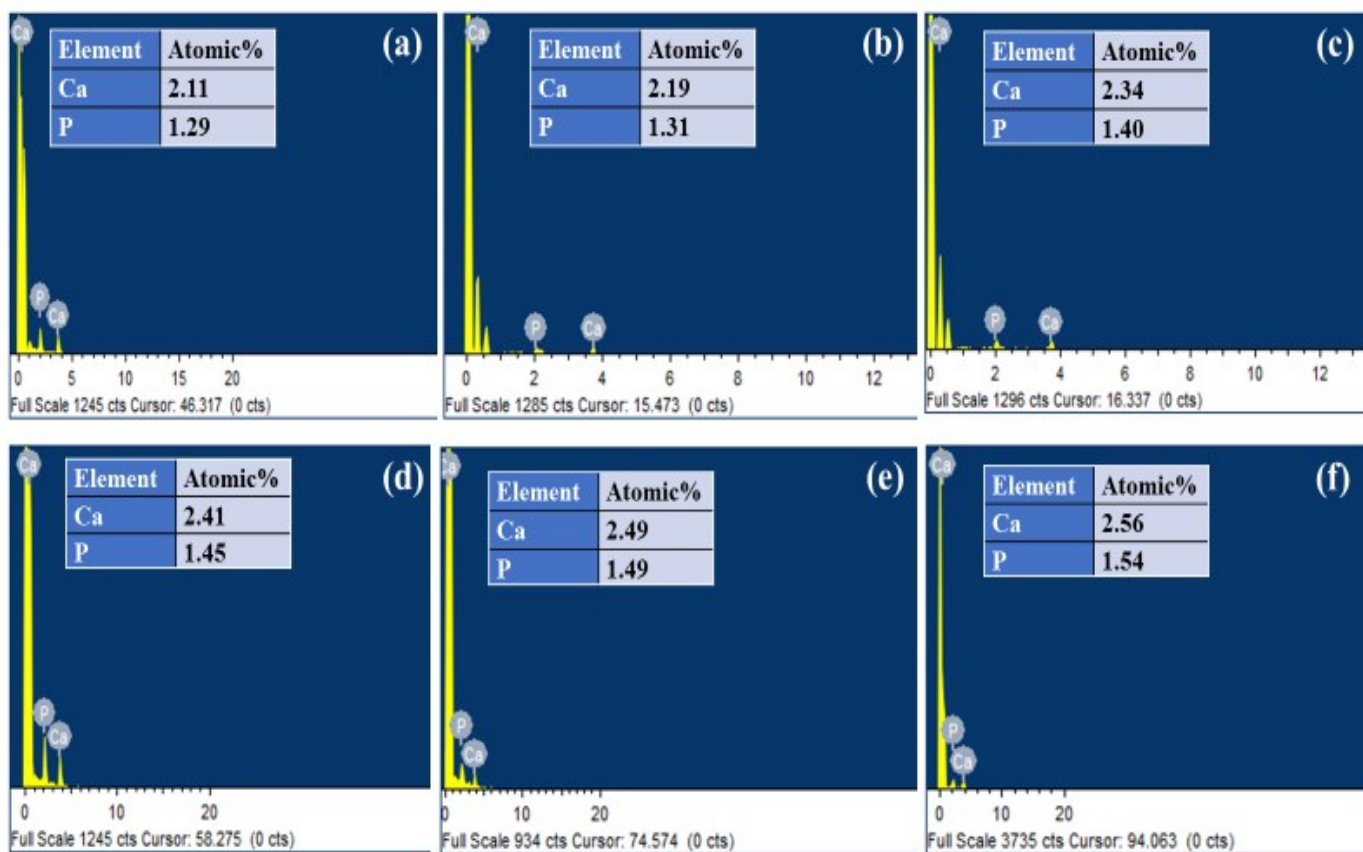


Fig.S4. EDAX images of SF/MC (2:1): (a) 2 wt% of HAP, (b) 5 wt% of HAP, (c) 10 wt% of HAP, (d) 15 wt% of HAP, (e) 20 wt% of HAP and (f) 25 wt% of HAP