Supporting Information

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Strontium-Substituted Hydroxyapatite-Gelatin Biomimetic Scaffolds Modulate Bone Cell Response

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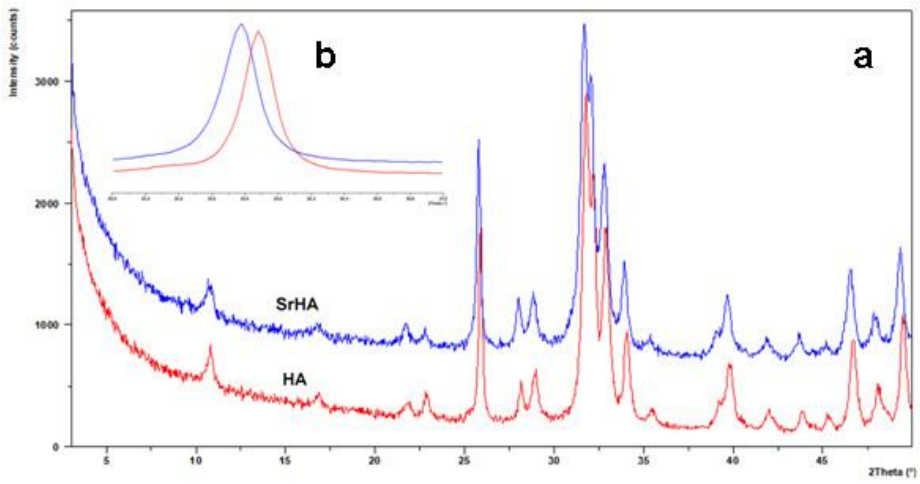

Figure S1. a) Powder X-rays diffraction patterns of HA and SrHA. The insert (b) reports an enlargement of of the 2θ range including the 002 reflection.

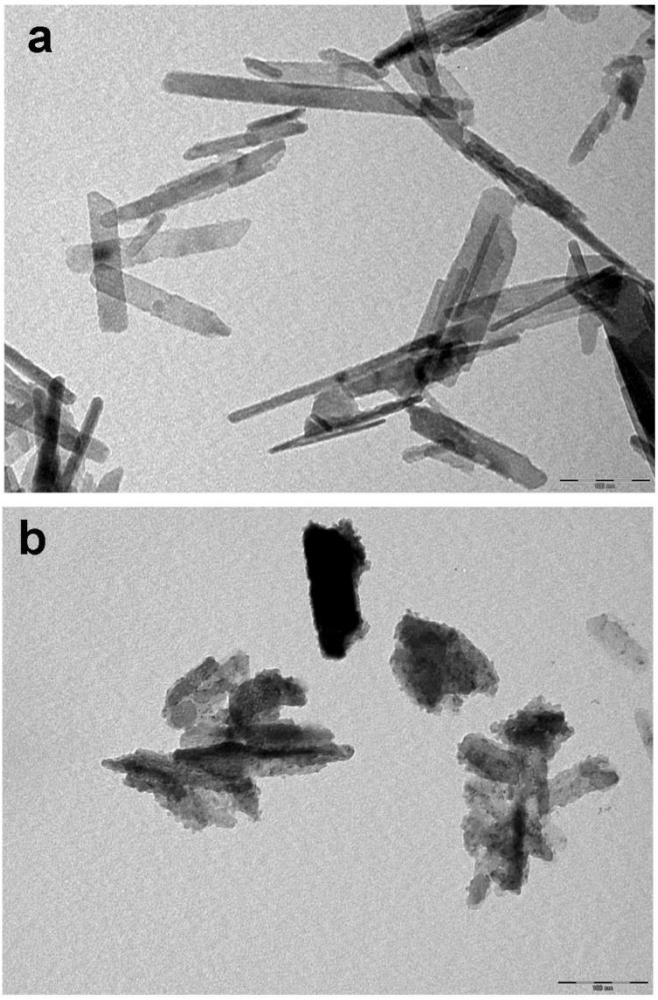

Figure S2. TEM images of a) HA and b) SrHA nanocrystals. Bars = 100 nm.

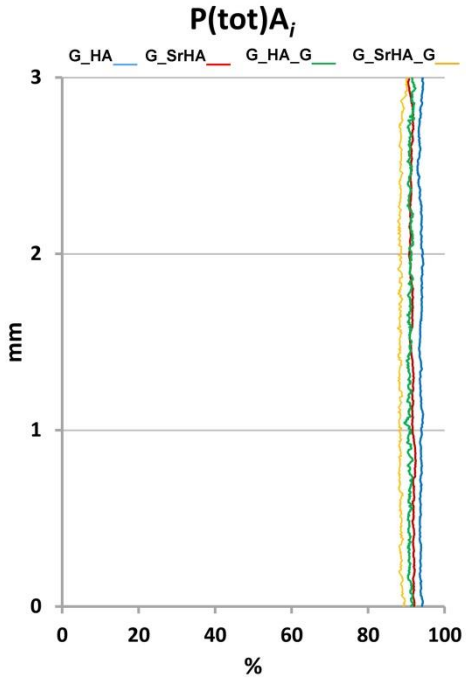

Figure S3. Total porosity distribution – P(tot)A_i – of the scaffolds along the VOI height. The values are expressed as the total percentage of pores area detected in every µCT section of the VOI.

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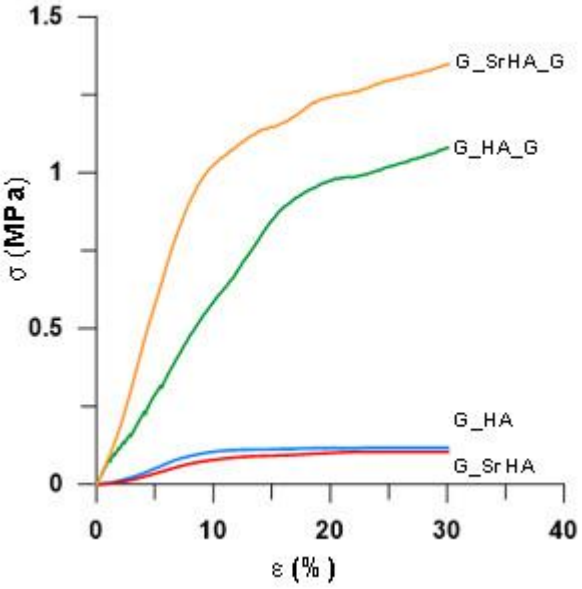

Figure S4. Tipical stress-strain curves recorded on different scaffolds under compression.