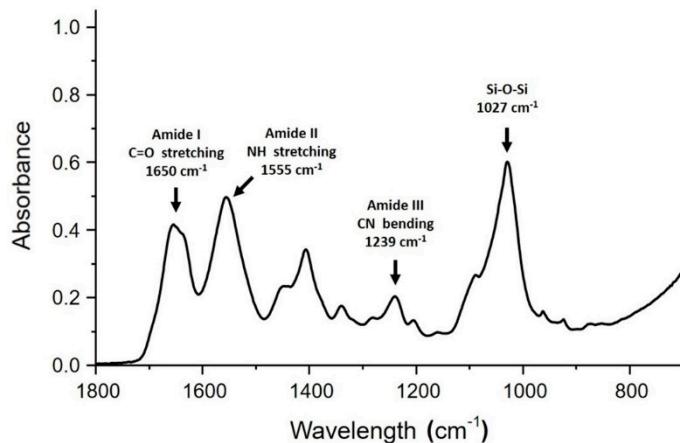


*Supporting Information*

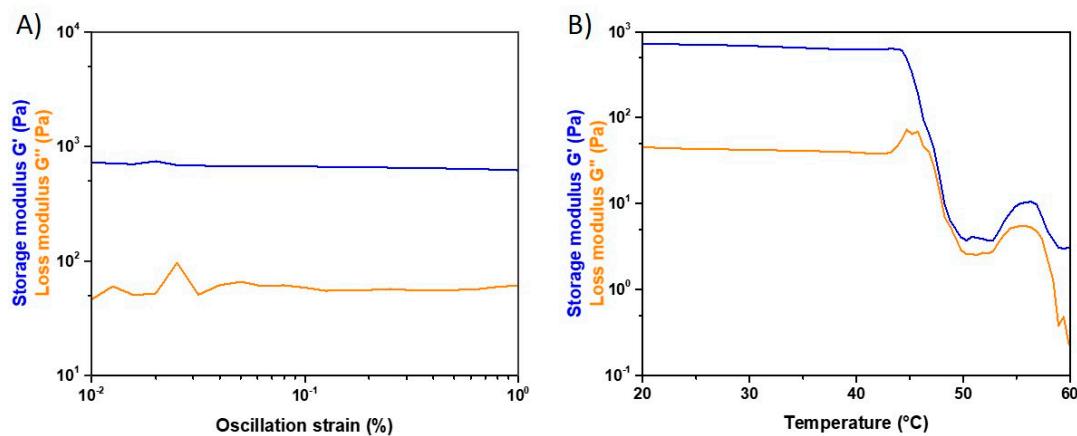
# Development and Biocompatibility of Collagen-based Composites enriched with Nanoparticles of Strontium containing Mesoporous Glass

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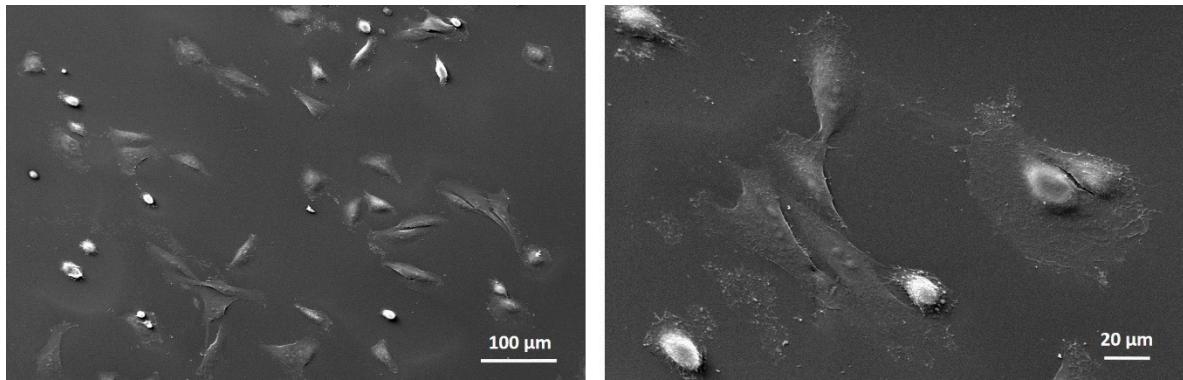
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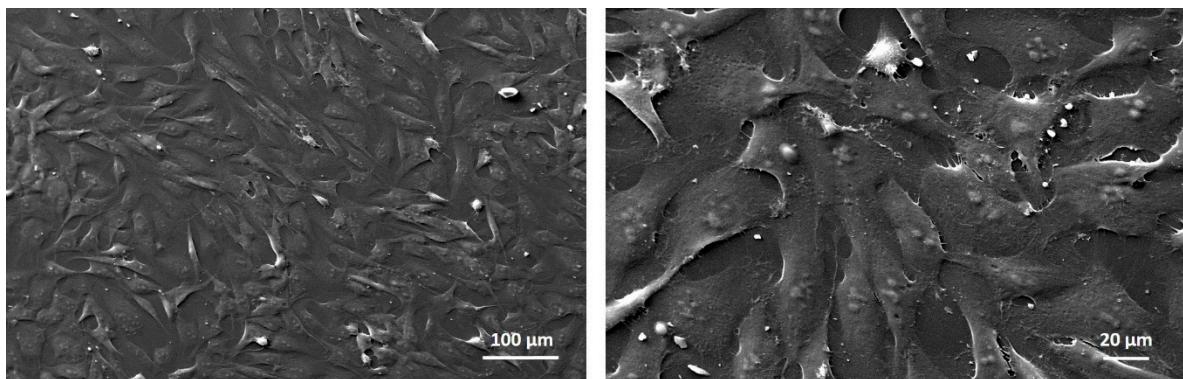
**Figure S1.** ATR-FTIR of Coll/MBG\_Sr4% hybrid system.



**Figure S2.** Amplitude sweep test (A) and temperature ramp (B) performed on 4-StarPEG crosslinked Coll/MBG\_Sr4% samples.



**Figure S3.** Morphology of control MG-63 seeded at  $1 \times 10^4$  onto standard TCPS 24-well plate and observed by SEM at 24 h. Scale bars are shown.



**Figure S4.** Morphology of control MG-63 seeded at  $2 \times 10^5$  onto standard TCPS 24-well plate and observed by SEM at 24 h. Scale bars are shown.