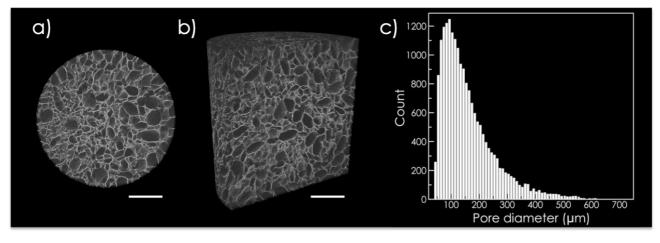
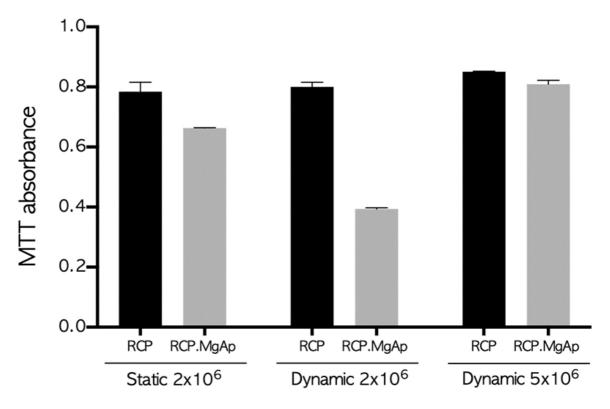
Supplementary information



**Figure 1.** Structural characterization of non-mineralized collagen scaffolds (Control, RCP) by micro-computed tomography (diameter = 4mm; height = 4 mm). (a) Transversal and (b) longitudinal section of scaffold. Scale bar= 1 mm. (c) Graph bar display pore size distribution.



**Figure S2.** MTT absorbance of cell seeding optimization experiment. n=2 technical replicates. Mean  $\pm$  SEM.