

**Figure S1.** Micro-CT and SEM images at three days post-seeding; left column, top to bottom—PP\_3 and protein-coated PP (PPG\_3 and PPM\_3); right column, top to bottom: PRP-treated PP (PPP\_3) and PRP-treated hydrogel-coated sample PPGP\_3 and PPMP\_3; scalebar 100  $\mu$ m.