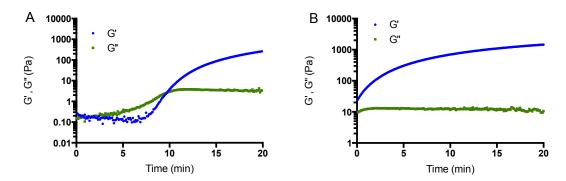
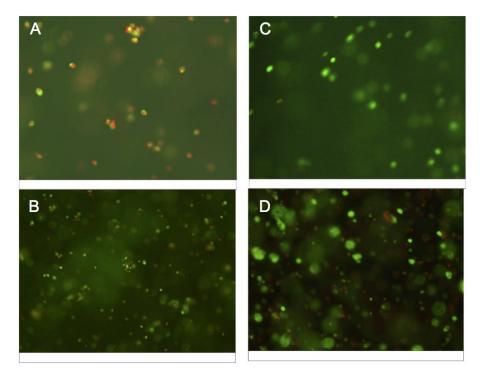
Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B. This journal is © The Royal Society of Chemistry 2015

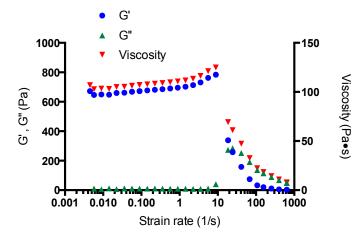
## **Supporting information**



**SI-Figure 1.** Evaluation of storage modulus (G') and loss modulus (G") during the first 20 minutes of pre-cross-linking at 20 °C of A) PNC-PEGNHS (7.5-3.8 wt%) and B) PNC-HANHS (7.5-1.6 wt%).



**SI-Figure 2.** Live Dead chondrocyte viability of PNC-PEG (7.5-3.8 wt%) after A) 4 hours and B) 7 days. Chondrocyte viability of PNC-HA (7.5-1.6 wt%) after C) 4 hours and D) 7 days.



**SI-Figure 3.** Effect of increasing strain rate on storage modulus (G'), loss modulus (G") and viscosity of PNC-PEG (7.5-3.8 wt%) as measured by rheology.