Three-dimensional stable alginate-nanocellulose gels for biomedical applications: towards tunable mechanical properties and cell growing

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Figure S1: Conductometric titration curves for TEMPO-oxidized cellulose nanofibers (CNFT) and TEMPO-oxidized cellulose nanocrystals (CNCT)
Figure S2: Zeta potential ($\zeta$) measurements obtained by electrophoretic mobility for CNC, CNCT, CNF and CNFT.

Figure S3: SEM images of the cross-section for crosslinked gels (a) alginate/CNC 50 wt% and 500 x magnification; (b) alginate/CNF 50 wt% 500 x magnification. The inset represents a magnification of 1500 x.
Figure S4: Pore sizes distribution and standard mean values obtained by SEM micrographs for CNC, CNCT, CNF and CNFT.
Figure S5: Influence of the nanocellulose concentration on the thermal stability of aginate-gels: (a) CNC (10, 36 and 50 wt%); (b) CNCT (10, 36 and 50 wt%); (c) CNF (10, 36 and 50 wt%); (d) CNFT (10, 36 and 50 wt%).