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Supporting Information

Casein microparticles filled with cellulase to enzymatically degrade nanocellulose for cell growth

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Figure SI2: A: SDS-Page of the CMPs solution and supernatant with (+) and without (-) cellulase, M is the standard, cel is cellulase, and Ca is the casein as controls; B: Amount of cellulase per mL CMPs solution based on the cellulase activity assay; C: Amount of total soluble proteins in the empty and cellulase-loaded CMPs. D: Cellulase reactivity for a dilution of cellulase (black) and pectinase (red); n=3; p***<0.001.





Figure SI3: live/dead assay. A: L929 cells cultured for d1 and stained with dead dye (red); B: living cells after d1 with their corresponding live (green)/dead (red) picture; D: L929 cultured for d5 and stained with dead (red) dye; E: living cells after d5 with their corresponding live (green)/dead (red) picture, scale bar: 200 μm; Quantification of proliferation after d1 (E); n=3; p***<0.001.