Electronic Supplementary Material (ESI) for Polymer Chemistry.

Supporting information for

Enzymatically crosslinked alginate hydrogels with improved adhesion properties

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Table S1. Spreading area of the cells cultured on hydrogel surfaces.

Sample	Degree of substitution	Cell spreading area (μm^2) [a]
Control (TCPS)	--	1407 ± 220
Alg-TA-10	10%	563 ± 111
Alg-TA-21	21%	549 ± 81
Alg-DA-10	10%	768 ± 151
Alg-DA-21	21%	1160 ± 238

[a] calculated using ImageJ software.

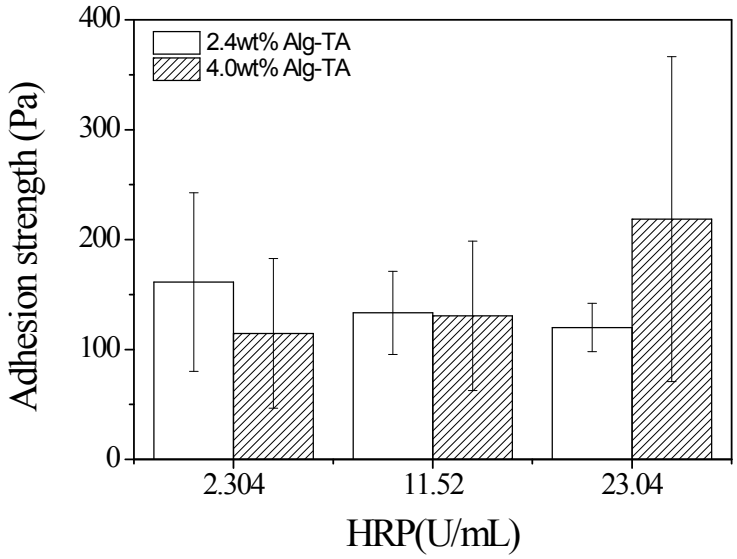

Fig S1. Lap shear strength of Alg-TA hydrogels crosslinked using 5.2 mM [H_2O_2] and various concentration of HRP.

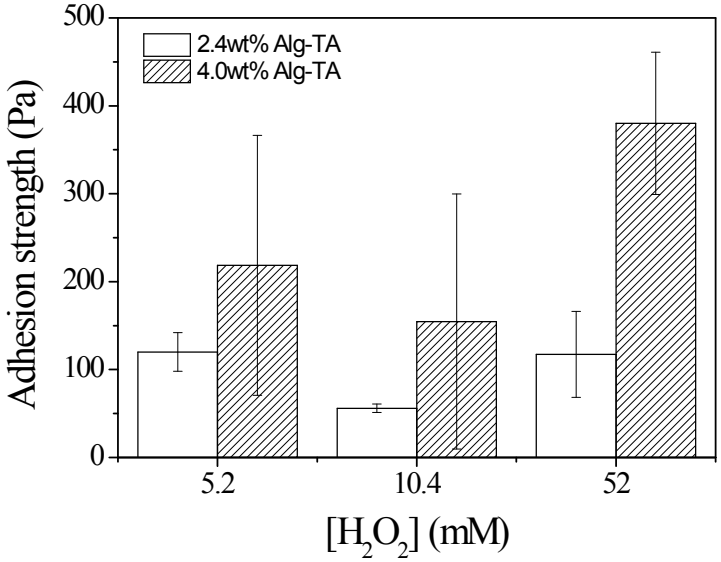

Fig S2. Lap shear strength of Alg-TA hydrogels crosslinked using 23.04U/mL [HRP] and various concentration of H_2O_2.