

Accepted Manuscript

Title: Self-crosslinking and injectable hyaluronic acid/RGD-functionalized pectin hydrogel for cartilage tissue engineering

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PII: S0144-8617(17)30189-3
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2017.02.059>
Reference: CARP 12038

To appear in:

Received date: 21-10-2016
Revised date: 14-2-2017
Accepted date: 16-2-2017

Please cite this article as: Chen, F., Ni, Y., Liu, B., Zhou, T., Yu, C., Su, Y., Zhu, X., Yu, X., and Zhou, Y., Self-crosslinking and injectable hyaluronic acid/RGD-functionalized pectin hydrogel for cartilage tissue engineering, *Carbohydrate Polymers* (2017), <http://dx.doi.org/10.1016/j.carbpol.2017.02.059>

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Highlights:

- Developing an injectable hyaluronic acid/RGD-functionalized pectin hydrogel.
- Adopting an efficient and non-cytotoxic hydrazone crosslinking strategy.
- The hydrogel displays the suitable gelation time and tunable mechanical properties.
- The hydrogel can provide an ECM-mimetic microenvironment for enhancing chondrogenesis.
- The biomimetic hydrogel has good biodegradability and tissue compatibility.

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