

Accepted Manuscript

Review article

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PII: S1742-7061(17)30785-7

DOI: <https://doi.org/10.1016/j.actbio.2017.12.019>

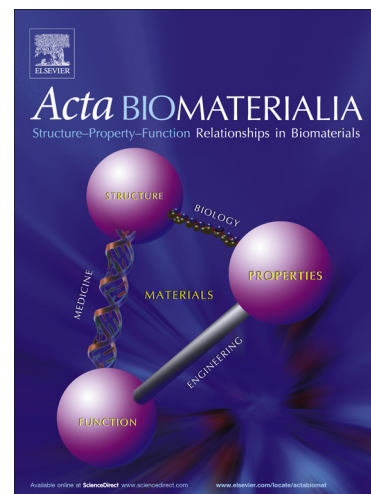
Reference: ACTBIO 5231

To appear in: *Acta Biomaterialia*

Received Date: 1 September 2017

Revised Date: 9 November 2017

Accepted Date: 15 December 2017



Please cite this article as: Spang, M.T., Christman, K.L., Extracellular matrix hydrogel therapies: *in vivo* applications and development, *Acta Biomaterialia* (2017), doi: <https://doi.org/10.1016/j.actbio.2017.12.019>

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Extracellular matrix hydrogel therapies: *in vivo* applications and development

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Abstract

Decellularized extracellular matrix (ECM) has been widely used for tissue engineering applications and is becoming increasingly versatile as it can take many forms, including patches, powders, and hydrogels. Following additional processing, decellularized ECM can form an inducible hydrogel that can be injected, providing for new minimally-invasive procedure opportunities. ECM hydrogels have been derived from numerous tissue sources and applied to treat many disease models, such as ischemic injuries and organ regeneration or replacement. This review will focus on *in vivo* applications of ECM hydrogels and functional outcomes in disease models, as well as discuss considerations for clinical translation.

Statement of Significance

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