

Accepted Manuscript

Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion

Ana Margarida Pereira, Raul Machado, André da Costa, Artur Ribeiro, Tony Collins, Andreia C. Gomes, Isabel B. Leonor, David L. Kaplan, Rui L. Reis, Margarida Casal

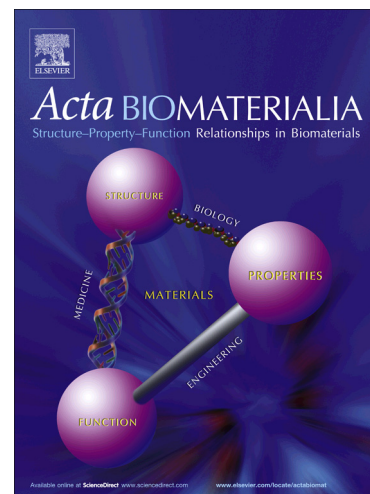
PII: S1742-7061(16)30520-7
DOI: <http://dx.doi.org/10.1016/j.actbio.2016.10.002>
Reference: ACTBIO 4468

To appear in: *Acta Biomaterialia*

Received Date: 28 April 2016
Revised Date: 20 September 2016
Accepted Date: 2 October 2016

Please cite this article as: Margarida Pereira, A., Machado, R., da Costa, A., Ribeiro, A., Collins, T., Gomes, A.C., Leonor, I.B., Kaplan, D.L., Reis, R.L., Casal, M., Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion, *Acta Biomaterialia* (2016), doi: <http://dx.doi.org/10.1016/j.actbio.2016.10.002>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Silk-based biomaterials functionalized with fibronectin type II promotes cell adhesion

Ana Margarida Pereira^{1,2,3*}, Raul Machado^{1*¥}, André da Costa¹, Artur Ribeiro¹, Tony Collins¹, Andreia C. Gomes¹, Isabel B. Leonor^{2,3}, David L. Kaplan⁴, Rui L. Reis^{2,3}, Margarida Casal^{1¥}

*These authors contributed equally to this work

¥Corresponding authors:

raulmachado@bio.uminho.pt; phone: +351 253 601 521; fax: +351 253 678 980

mcasal@bio.uminho.pt; phone: +351 253 601 521; fax: +351 253 678 980

¹CBMA (Centre of Molecular and Environmental Biology), Department of Biology, University of Minho, Campus de Gualtar, 4710-057 Braga, Portugal

²3B's Research Group – Biomaterials, Biodegradables and Biomimetics, University of Minho, Headquarters of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine, AvePark, 4806-909 Taipas, Guimarães, Portugal

³ICVS/3B's – PT Government Associate Laboratory, Braga/Guimarães, Portugal

⁴Departments of Biomedical Engineering, Chemistry and Physics, Tufts University, Medford, Massachusetts, 02155, USA

Download English Version:

<https://daneshyari.com/en/article/4751996>

Download Persian Version:

<https://daneshyari.com/article/4751996>

[Daneshyari.com](https://daneshyari.com)