Author's Accepted Manuscript

A novel strategy to enhance interfacial adhesion in fiber-reinforced calcium phosphate cement

Sara Gallinetti, Gemma Mestres, Cristina Canal, Cecilia Persson, Maria-Pau Ginebra



www.elsevier.com/locate/imbbm

PII: S1751-6161(17)30360-0

DOI: http://dx.doi.org/10.1016/j.jmbbm.2017.08.017

JMBBM2461 Reference:

To appear in: Journal of the Mechanical Behavior of Biomedical Materials

Received date: 7 June 2017 Revised date: 10 August 2017 Accepted date: 14 August 2017

Cite this article as: Sara Gallinetti, Gemma Mestres, Cristina Canal, Cecilia Persson and Maria-Pau Ginebra, A novel strategy to enhance interfacial adhesion in fiber-reinforced calcium phosphate cement, Journal of the Mechanical **Behavior** Biomedical Materials. http://dx.doi.org/10.1016/j.jmbbm.2017.08.017

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 galley proof before it is published in its final citable 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.

ACCEPTED MANUSCRIPT

A novel strategy to enhance interfacial adhesion in fiber-reinforced calcium phosphate

cement

Sara Gallinetti^{a,b,c1}, Gemma Mestres^{d1}, Cristina Canal^{a,b}, Cecilia Persson^c, Maria-Pau Ginebra^{a,b*}

^aBiomaterials, Biomechanics and Tissue Engineering Group, Dpt. Materials Science and Metallurgy, Universitat Politècnica de Catalunya (UPC), Eduard Maristany 10-14, 08019 Barcelona, Spain

^bBarcelona Research Center in Multiscale Science and Engineering, UPC, Barcelona, Spain

^cMaterials in Medicine Group, Division of Applied Materials Science, Department of Engineering Sciences, Uppsala University, Box 534, 751 21 Uppsala, Sweden.

^dDivision of Microsystems and Technology, Uppsala University, Department of Engineering Sciences, Uppsala University, Box 534, 751 21 Uppsala, Sweden.

^{*}maria.pau.ginebra@upc.edu

Accepted manuscrip ¹ Both authors contributed equally

Download English Version:

https://daneshyari.com/en/article/5020500

Download Persian Version:

https://daneshyari.com/article/5020500

<u>Daneshyari.com</u>