

## Accepted Manuscript

Novel Polycaprolactone /Hydroxyapatite Nanocomposite Fibrous Scaffolds by Direct Melt-Electrospinning Writing

Abdalla Abdal-hay, Naghmeh Abbasi, Marcin Gwiazda, Stephen Hamlet, Saso Ivanovski

PII: S0014-3057(18)30634-7

DOI: <https://doi.org/10.1016/j.eurpolymj.2018.05.034>

Reference: EPJ 8432

To appear in: *European Polymer Journal*

Received Date: 3 April 2018

Revised Date: 12 May 2018

Accepted Date: 25 May 2018

Please cite this article as: Abdal-hay, A., Abbasi, N., Gwiazda, M., Hamlet, S., Ivanovski, S., Novel Polycaprolactone /Hydroxyapatite Nanocomposite Fibrous Scaffolds by Direct Melt-Electrospinning Writing, *European Polymer Journal* (2018), doi: <https://doi.org/10.1016/j.eurpolymj.2018.05.034>

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.



**Novel Polycaprolactone /Hydroxyapatite Nanocomposite Fibrous Scaffolds by Direct  
Melt-Electrospinning Writing**

**Abdalla Abdal-hay<sup>1</sup>, Naghmeh Abbasi<sup>2</sup>, Marcin Gwiazda<sup>3</sup>, Stephen Hamlet<sup>2,4</sup>, Saso Ivanovski<sup>1\*</sup>**

*<sup>1</sup>The University of Queensland, School of Dentistry, Oral Health Centre Herston, 288  
Herston Road, Herston QLD 4006, Australia,*

*<sup>2</sup>School of Dentistry and Oral Health, Griffith University Gold Coast Campus, QLD,  
Australia,*

*<sup>3</sup>Warsaw University of Technology, Faculty of Material Science and Engineering, 141  
Wolaska str., 02-507, Warsaw, Poland,*

*<sup>4</sup>Menzies Health Institute, Griffith University, Gold Coast Campus, QLD, Australia.*

\*Corresponding Author:

E-mail: s.ivanovski@uq.edu.au (S. Ivanovski)

Tel: +61733658064

**Keywords:** Melt-electrospinning writing; PCL; Bone Tissue Engineering; Biodegradable  
Composite Materials; 3D Scaffold

Download English Version:

<https://daneshyari.com/en/article/7803489>

Download Persian Version:

<https://daneshyari.com/article/7803489>

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