Accepted Manuscript

Title: Chitosan functionalized poly- ϵ – caprolactone electrospun fibers and 3 D printed scaffolds as antibacter

Authors: Myriam G. Tardajos, Giuseppe Cama, Mamoni Dash, Lara Misseeuw, Tom Gheysens, Christian Gorzelanny, Tom Coenye, Peter Dubruel

PII: S0144-8617(18)30218-2

DOI: https://doi.org/10.1016/j.carbpol.2018.02.060

Reference: CARP 13322

To appear in:

Received date: 28-11-2017 Revised date: 2-2-2018 Accepted date: 20-2-2018

Please cite this article as: Tardajos, Myriam G., Cama, Giuseppe., Dash, Mamoni., Misseeuw, Lara., Gheysens, Tom., Gorzelanny, Christian., Coenye, Tom., & Dubruel, Peter., Chitosan functionalized poly- ϵ -caprolactone electrospun fibers and 3D printed scaffolds as antibacterial materials for tissue engineering applications. *Carbohydrate Polymers* https://doi.org/10.1016/j.carbpol.2018.02.060

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.

ACCEPTED MANUSCRIPT

Chitosan functionalized poly-\(\epsilon\)-caprolactone electrospun fibers and 3D printed scaffolds as antibacterial materials for tissue engineering applications

Myriam G. Tardajos^a, Giuseppe Cama^a, Mamoni Dash^a, Lara Misseeuw^a, Tom Gheysens^a, Christian Gorzelanny^b, Tom Coenye^c, Peter Dubruel^a

a Polymer Chemistry & Biomaterials Research Group, Ghent University, Krijgslaan 281, S4-Bis, B-9000 Ghent, Belgium

b Department of Dermatology, Medical Faculty Mannheim, Heidelberg University, Theodor-Kutzer-Ufer 1-3, 68167 Mannheim, Germany

c Laboratory of Pharmaceutical Microbiology, Ghent University, Ottergemsesteenweg 460, 9000, Ghent, Belgium

Corresponding Author

* Prof. Dr. Peter Dubruel. Peter.dubruel@ugent.be Polymer Chemistry and Biomaterials Group (PBM) Ghent University. Department of Organic and Macromolecular Chemistry. Campus Sterre, S4-BIS, Krijgslaan 281, 9000 Ghent, Belgium.

Download English Version:

https://daneshyari.com/en/article/7782744

Download Persian Version:

https://daneshyari.com/article/7782744

<u>Daneshyari.com</u>