

Accepted Manuscript

Title: Collagen/poly(*D,L*-lactic-*co*-glycolic acid) composite fibrous scaffold prepared by independent nozzle control multi-electrospinning apparatus for dura repair

Authors: Hae Kwan Park, Wonil Joo, Bon Kang Gu, Mi Yeon Ha, Su Jung You, Heung Jae Chun



PII: S1226-086X(18)30300-9
DOI: <https://doi.org/10.1016/j.jiec.2018.06.010>
Reference: JIEC 4043

To appear in:

Received date: 3-5-2018
Revised date: 7-6-2018
Accepted date: 11-6-2018

Please cite this article as: Hae Kwan Park, Wonil Joo, Bon Kang Gu, Mi Yeon Ha, Su Jung You, Heung Jae Chun, Collagen/poly(*D,L*-lactic-*co*-glycolic acid) composite fibrous scaffold prepared by independent nozzle control multi-electrospinning apparatus for dura repair, Journal of Industrial and Engineering Chemistry <https://doi.org/10.1016/j.jiec.2018.06.010>

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.

<Original Research for Journal of Industrial and Engineering Chemistry>

Collagen/poly(D,L-lactic-co-glycolic acid) composite fibrous scaffold prepared by independent nozzle control multi-electrospinning apparatus for dura repair

Hae Kwan Park^{a,†}, Wonil Joo^a, Bon Kang Gu^b, Mi Yeon Ha^c, Su Jung You^c,

Heung Jae Chun^{c,d,*}

^aDepartment of Neurosurgery, Yeouido St. Mary's Hospital, Neuroscience Center, College of Medicine, The Catholic University of Korea, Seoul 07345, Republic of Korea

^bLaboratory of Tissue Engineering, Korea Institute of Radiological and Medical Sciences, Seoul 01812, Republic of Korea

^cInstitute of Cell and Tissue Engineering, College of Medicine, The Catholic University of Korea, Seoul 06591, Republic of Korea

^dDepartment of Biomedical Sciences, College of Medicine, The Catholic University of Korea, Seoul 06591, Republic of Korea

*Corresponding author: Heung Jae Chun, Institute of Cell & Tissue Engineering, College of Medicine, The Catholic University of Korea, Seoul 06951, Republic of Korea

Phone: +82 2 2258 7033, Fax: +82 2 2258 7494, Email: chunhj@catholic.ac.kr

Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/10150588>

Download Persian Version:

<https://daneshyari.com/article/10150588>

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