Accepted Manuscript

Title: Agarose-based Biomaterials for Tissue Engineering

Authors: Payam Zarrintaj, Saeed Manouchehri, Zahed Ahmadi, Mohammad Reza Saeb, Aleksandra M. Urbanska,

David L. Kaplan, Masoud Mozafari

PII: S0144-8617(18)30078-X

DOI: https://doi.org/10.1016/j.carbpol.2018.01.060

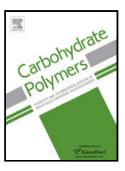
Reference: CARP 13210

To appear in:

Received date: 1-10-2017 Revised date: 28-12-2017 Accepted date: 18-1-2018

Please cite this article as: Zarrintaj, Payam., Manouchehri, Saeed., Ahmadi, Zahed., Saeb, Mohammad Reza., Urbanska, Aleksandra M., Kaplan, David L., & Mozafari, Masoud., Agarose-based Biomaterials for Tissue Engineering. *Carbohydrate Polymers* https://doi.org/10.1016/j.carbpol.2018.01.060

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

Agarose-based Biomaterials for Tissue Engineering

Payam Zarrintaj¹, Saeed Manouchehri¹, Zahed Ahmadi², Mohammad Reza Saeb^{3,**}, Aleksandra M. Urbanska⁴, David L. Kaplan⁵, Masoud Mozafari^{6,7,8,*}

- ¹ School of Chemical Engineering, College of Engineering, University of Tehran, Tehran, Iran ²Department of Chemistry, Amirkabir University of Technology, Tehran, Iran
- ³ Department of Resin and Additives, Institute for Color Science and Technology, P.O. Box: 16765-654, Tehran, Iran
 - ⁴ Department of Medicine, Columbia University Medical Center, New York, NY, USA
- ⁵ Department of Biomedical Engineering, Tufts University, Medford, Massachusetts 02155, USA
- ⁶ Bioengineering Research Group, Nanotechnology and Advanced Materials Department, Materials and Energy Research Center (MERC), Tehran, Iran
- ⁷ Cellular and Molecular Research Center, Iran University of Medical Sciences (IUMS), Tehran, Iran
- ⁸ Department of Tissue Engineering & Regenerative Medicine, Faculty of Advanced Technologies in Medicine, Iran University of Medical Sciences (IUMS), Tehran, Iran

Tel.: + 98 9126490679; Fax: + 98 26 36280 033x477; E-mail: mozafari.masoud@gmail.com

Tel.: + 98 21 22956209x146; Fax: + 98 21 22947537; E-mail: saeb-mr@icrc.ac.ir; mrsaeb2008@gmail.com

^{*}Corresponding author should be addressed:

^{*} M. Mozafari, PhD

^{**} M.R. Saeb, PhD

Download English Version:

https://daneshyari.com/en/article/7783426

Download Persian Version:

https://daneshyari.com/article/7783426

<u>Daneshyari.com</u>