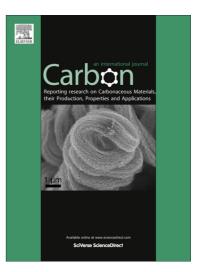
Accepted Manuscript

Physicochemical and biological properties of electrodeposited graphene oxide/ chitosan films with drug-eluting capacity

F. Ordikhani, M. Ramezani Farani, M. Dehghani, E. Tamjid, A. Simchi

PII:	S0008-6223(14)01138-5
DOI:	http://dx.doi.org/10.1016/j.carbon.2014.11.052
Reference:	CARBON 9528
To appear in:	Carbon
Received Date:	2 August 2014
Accepted Date:	24 November 2014



Please cite this article as: Ordikhani, F., Ramezani Farani, M., Dehghani, M., Tamjid, E., Simchi, A., Physicochemical and biological properties of electrodeposited graphene oxide/chitosan films with drug-eluting capacity, *Carbon* (2014), doi: http://dx.doi.org/10.1016/j.carbon.2014.11.052

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

Physicochemical and biological properties of electrodeposited graphene oxide/chitosan films with drug-eluting capacity

F. Ordikhani^a, M. Ramezani Farani^b, M. Dehghani^a, E. Tamjid^c, A. Simchi^{a,d}*

^aDepartment of Materials Science and Engineering, Sharif University of Technology, Azadi

Avenue, P.O. Box 11365-9466, Tehran, Iran

^bSchool of Science and Technology, Sharif University of Technology, Kish Island Campus,

P.O. Box 794177-6655, Iran

^cDepartment of Bionanotechnology, Faculty of Science, Tarbiat Modares University, P.O.

Box 14115-175, Tehran, Iran

^dInstitute for Nanoscience and Nanotechnology, Sharif University of Technology, Azadi Avenue, P.O. Box 11365-9466, Tehran, Iran

^{*} Corresponding author: Tel.: +98 21 6616 5261; Fax: +98 21 6600 5717; simchi@sharif.edu

(A. Simchi)

Download English Version:

https://daneshyari.com/en/article/7851910

Download Persian Version:

https://daneshyari.com/article/7851910

Daneshyari.com