## Accepted Manuscript

Title: Carbon-Based Sputtered Coatings for Enhanced Chitosan-Based Films Properties

Authors: C. Fernandes, S. Calderon V., Lina F. Ballesteros, Miguel A. Cerqueira, L.M. Pastrana, José A. Teixeira, P.J. Ferreira, S. Carvalho

PII: S0169-4332(17)33031-3

DOI: https://doi.org/10.1016/j.apsusc.2017.10.088

Reference: APSUSC 37431

To appear in: APSUSC

Received date: 24-7-2017 Revised date: 6-10-2017 Accepted date: 12-10-2017

Please cite this article as: C.Fernandes, S.Calderon V., Lina F.Ballesteros, Miguel A.Cerqueira, L.M.Pastrana, José A.Teixeira, P.J.Ferreira, S.Carvalho, Carbon-Based Sputtered Coatings for Enhanced Chitosan-Based Films Properties, Applied Surface Science https://doi.org/10.1016/j.apsusc.2017.10.088

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

### Carbon-Based Sputtered Coatings for Enhanced Chitosan-Based Films Properties

C. Fernandes<sup>1</sup>, S. Calderon V.<sup>1,4,\*</sup>, Lina F. Ballesteros<sup>2</sup>, Miguel A. Cerqueira<sup>4</sup>, L. M. Pastrana<sup>4</sup>, José A. Teixeira<sup>2</sup>, P. J. Ferreira<sup>3,4</sup>, S. Carvalho<sup>1,5</sup>

<sup>1</sup>University of Minho, Department of Physics, Campus of Azurém, 4800-058 Guimarães, Portugal.

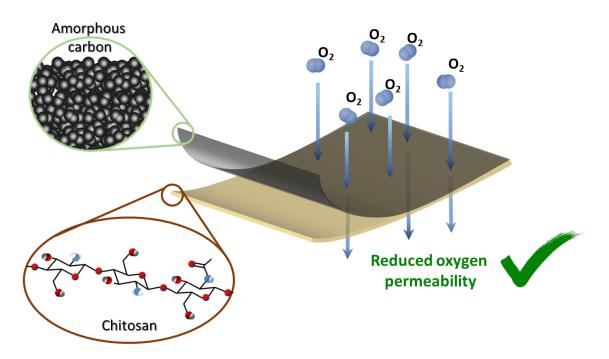
<sup>2</sup> CEB - Centre of Biological Engineering, University of Minho, Campus Gualtar, 4710-057, Braga, Portugal

<sup>3</sup> Materials Science and Engineering Program, The University of Texas at Austin, Austin, Texas 78712, USA.

<sup>4</sup> INL - International Iberian Nanotechnology Laboratory, Av. Mestre José Veiga s/n, 4715-330 Braga, Portugal

<sup>5</sup> SEG-CEMPRE Mechanical Engineering Department, University of Coimbra, 3030-788 Coimbra, Portugal

#### **Graphical abstract**



#### Download English Version:

# https://daneshyari.com/en/article/7836575

Download Persian Version:

https://daneshyari.com/article/7836575

<u>Daneshyari.com</u>