

Accepted Manuscript

Title: Towards the development of multifunctional chitosan-based iron oxide nanoparticles: optimization and modelling of doxorubicin release

Author: Paula I.P. Soares Ana Isabel Sousa Isabel M.M. Ferreira Carlos M.M. Novo João Paulo Borges



PII: S0144-8617(16)30907-9
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2016.07.109>
Reference: CARP 11408

To appear in:

Received date: 16-5-2016
Revised date: 20-7-2016
Accepted date: 25-7-2016

Please cite this article as: Soares, Paula IP., Sousa, Ana Isabel., Ferreira, Isabel MM., Novo, Carlos MM., & Borges, João Paulo., Towards the development of multifunctional chitosan-based iron oxide nanoparticles: optimization and modelling of doxorubicin release. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2016.07.109>

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.

Towards the development of multifunctional chitosan-based iron oxide nanoparticles: optimization and modelling of doxorubicin release

Paula I. P. Soares¹, Ana Isabel Sousa¹, Isabel M. M. Ferreira^{1}, Carlos M. M. Novo²,
João Paulo Borges^{1*}*

¹i3N/CENIMAT, Department of Materials Science, Faculty of Science and Technology, Universidade NOVA de Lisboa, Campus de Caparica, 2829-516 Caparica, Portugal

²Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa, IHMT/UNL, 1349-008 Lisboa, Portugal.

Corresponding Author

^{*}i3N/CENIMAT, Department of Materials Science, Faculty of Science and Technology, Universidade NOVA de Lisboa, Campus de Caparica, 2829-516 Caparica, Portugal. Email: imf@fct.unl.pt, jpb@fct.unl.pt

Download English Version:

<https://daneshyari.com/en/article/7785110>

Download Persian Version:

<https://daneshyari.com/article/7785110>

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