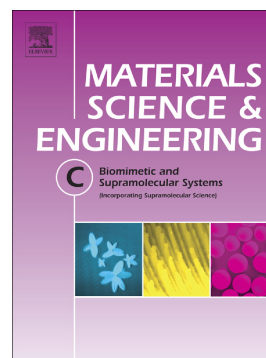


Accepted Manuscript

Novel magneto-responsive nanoplatfoms based on MnFe₂O₄ nanoparticles layer-by-layer functionalized with chitosan and sodium alginate for magnetic controlled release of curcumin

Katiúscia Vieira Jardim, Abraham Francisco Palomec Garfias, Bárbara Yasmin Garcia Andrade, Juliano Alexandre Chaker, Sônia Nair Bão, César Márquez-Beltrán, Sergio Enrique Moya, Alexandre Luis Parize, Marcelo Henrique Sousa



PII: S0928-4931(17)34446-6
DOI: doi:[10.1016/j.msec.2018.06.039](https://doi.org/10.1016/j.msec.2018.06.039)
Reference: MSC 8678
To appear in: *Materials Science & Engineering C*
Received date: 19 November 2017
Revised date: 22 May 2018
Accepted date: 18 June 2018

Please cite this article as: Katiúscia Vieira Jardim, Abraham Francisco Palomec Garfias, Bárbara Yasmin Garcia Andrade, Juliano Alexandre Chaker, Sônia Nair Bão, César Márquez-Beltrán, Sergio Enrique Moya, Alexandre Luis Parize, Marcelo Henrique Sousa , Novel magneto-responsive nanoplatfoms based on MnFe₂O₄ nanoparticles layer-by-layer functionalized with chitosan and sodium alginate for magnetic controlled release of curcumin. Msc (2018), doi:[10.1016/j.msec.2018.06.039](https://doi.org/10.1016/j.msec.2018.06.039)

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.

Novel magneto-responsive nanoplatfoms based on MnFe₂O₄ nanoparticles layer-by-layer functionalized with chitosan and sodium alginate for magnetic controlled release of curcumin.

Katiúscia Vieira Jardim,^a Abraham Francisco Palomec Garfias,^b Bárbara Yasmin Garcia Andrade,^c Juliano Alexandre Chaker,^a Sônia Nair Bão,^c César Márquez-Beltrán,^b Sergio Enrique Moya,^d Alexandre Luis Parize,^e Marcelo Henrique Sousa^{a*}

^aGreen Nanotechnology Group, Universidade de Brasília, Brasília, DF 72220-900, Brazil.

^bInstituto de Física - Benemérita Universidad Autónoma de Puebla, Puebla, Pue, 72570, Mexico.

^cDepartamento de Biologia Celular, Instituto de Ciências Biológicas, Universidade de Brasília, Brasília, DF 70910-900, Brazil.

^dSoft Matter Nanotechnology Laboratory, CIC biomaGUNE, San Sebastián, Guip 20009, Spain.

^ePolimat, Grupo de Estudos em Materiais Poliméricos, Departamento de Química, Universidade Federal de Santa Catarina, Florianópolis, SC 88040-900, Brazil.

*Corresponding author:

Marcelo Henrique Sousa, Ph.D.

Address: Universidade de Brasília (UnB), Faculdade de Ceilândia (FCE). Centro Metropolitano, Conjunto A, Lote 01, CEP: 72220-900, Brasília – DF, Brazil.

Phone: +55 61 992060946.

E-mail address: mhsqui@gmail.com

Download English Version:

<https://daneshyari.com/en/article/7865559>

Download Persian Version:

<https://daneshyari.com/article/7865559>

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