Accepted Manuscript

Surface engineered Amphora subtropica frustules using chitosan as a drug delivery platform for anticancer therapy

Sasirekha Rajendran, Thankaraj Salammal Sheena, Sathya Deepika Murugesan, Santhanam Perumal, Helen E. Townley, K. Jeganathan, Dinesh Kumar Sundarrajan, Premkumar Kumpati

PII: S0928-4931(17)34685-4

DOI: doi:10.1016/j.msec.2018.09.009

Reference: MSC 8872

To appear in: Materials Science & Engineering C

Received date: 1 December 2017

Revised date: 6 July 2018

Accepted date: 4 September 2018

Please cite this article as: Sasirekha Rajendran, Thankaraj Salammal Sheena, Sathya Deepika Murugesan, Santhanam Perumal, Helen E. Townley, K. Jeganathan, Dinesh Kumar Sundarrajan, Premkumar Kumpati, Surface engineered Amphora subtropica frustules using chitosan as a drug delivery platform for anticancer therapy. Msc (2018), doi:10.1016/j.msec.2018.09.009

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

Surface engineered *Amphora subtropica* frustules using chitosan as a drug delivery platform for anticancer therapy

Sasirekha Rajendran⁺, Thankaraj Salammal Sheena [¥], Sathya Deepika Murugesan[‡]
Santhanam Perumal^{+*}, Helen E Townley[†], K. Jeganathan, Dinesh Kumar
Sundarrajan⁺, [¥] Premkumar Kumpati [§]

⁺ Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirapalli-620 024. Tamil Nadu.

[¥]Center for Nanoscience and Nanotechnology, School of Physics, Bharathidasan University, Tiruchirapalli-620 024. Tamil Nadu

[‡] Department of Animal Science, School of Life Sciences, Bharathidasan University, Tiruchirapalli-620 024. Tamil Nadu.

§ Department of Biomedical Science, School of Basic Medical Sciences, Bharathidasan University, Tiruchirapalli-620 024. Tamil Nadu.

[†] Department of Engineering Sciences, University of Oxford, South Parks Road, Oxford, OX1 3PJ,

UK

*Corresponding author

E-mail: santhanamcopepod@gmail.com; sanplankton@yahoo.co.in

Download English Version:

https://daneshyari.com/en/article/10155297

Download Persian Version:

https://daneshyari.com/article/10155297

<u>Daneshyari.com</u>