

Accepted Manuscript

Title: Physicochemical investigations of biogenic chitosan-silver nanocomposite as antimicrobial and anticancer agent

Author: Arjunan Nithya Henry Linda Jeeva Kumari Chandra
Mohan Singaravelu Ruckmani Kandasamy
Jothivenkatachalam Kandasamy



PII: S0141-8130(16)30704-8
DOI: <http://dx.doi.org/doi:10.1016/j.ijbiomac.2016.07.003>
Reference: BIOMAC 6277

To appear in: *International Journal of Biological Macromolecules*

Received date: 27-4-2016
Revised date: 16-6-2016
Accepted date: 1-7-2016

Please cite this article as: Arjunan Nithya, Henry Linda Jeeva Kumari, Chandra Mohan Singaravelu, Ruckmani Kandasamy, Jothivenkatachalam Kandasamy, Physicochemical investigations of biogenic chitosan-silver nanocomposite as antimicrobial and anticancer agent, *International Journal of Biological Macromolecules* <http://dx.doi.org/10.1016/j.ijbiomac.2016.07.003>

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.

Physicochemical investigations of biogenic chitosan-silver nanocomposite as antimicrobial and anticancer agent

**Arjunan Nithya^a, Henry Linda Jeeva Kumari^{b,c}, Singaravelu Chandra Mohan^a,
Kandasamy Ruckmani^{b,c,*}, Kandasamy Jothivenkatachalam^{a,*}**

*^aDepartment of Chemistry, Bharathidasan Institute of Technology, Anna University,
Tiruchirappalli 620024, Tamil Nadu, India*

*^bNational Facility for Drug Development for Academia (NFDD), Pharmaceutical and Allied
Industries, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli 620024,
Tamil Nadu, India*

*^cDepartment of Pharmaceutical Technology, Centre for Excellence in Nanobio Translational
REsearch (CENTRE), Bharathidasan Institute of Technology, Anna University,
Tiruchirappalli 620024, Tamil Nadu, India*

*Corresponding authors. Tel.: +91 431 2407961/ +91 431 2407978; fax: +91 431 2407333/ +91 431 2407910.

*E-mail address: jothivenkat@yahoo.com, kjothivenkatachalam@gmail.com (K. Jothivenkatachalam),
hodpharma@gmail.com (K. Ruckmani).*

Download English Version:

<https://daneshyari.com/en/article/8329668>

Download Persian Version:

<https://daneshyari.com/article/8329668>

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