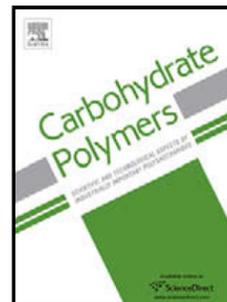


Accepted Manuscript

Title: Cefazolin loaded chitosan nanoparticles to cure multi drug resistant Gram-negative pathogens

Author: Bushra Jamil Huma Habib Shahid Abbasi Habib
Nasir Abdur Rahman Asma Rehman Habib Bokhari
Muhammad Imran



PII: S0144-8617(15)00943-1
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.09.078>
Reference: CARP 10380

To appear in:

Received date: 8-7-2015
Revised date: 14-9-2015
Accepted date: 23-9-2015

Please cite this article as: Jamil, B., Habib, H., Abbasi, S., Nasir, H., Rahman, A., Rehman, A., Bokhari, H., and Imran, M., Cefazolin loaded chitosan nanoparticles to cure multi drug resistant Gram-negative pathogens, *Carbohydrate Polymers* (2015), <http://dx.doi.org/10.1016/j.carbpol.2015.09.078>

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.

1 **Cefazolin loaded chitosan nanoparticles to cure multi drug resistant Gram-negative**
2 **pathogens**

3

4 **Bushra Jamil^{1**}, Huma Habib², Shahid Abbasi³, Habib Nasir⁴, Abdur Rahman⁵, Asma**
5 **Rehman⁶, Habib Bokhari¹ and Muhammad Imran^{1*}.**

6

7 ¹ Department of Biosciences, COMSATS Institute of Information Technology, Park Road,
8 Islamabad, Pakistan

9 ² Center for micro and nano devices (CMND). COMSATS Institute of Information Technology,
10 Islamabad-Pakistan

11 ³ Al-Sayed Hospital (Pvt) Ltd. 1-Hill Park, Opp. Ayub Park. Jhelum Road, Rawalpindi, Pakistan

12 ⁴ School of Chemical and Materials Engineering (SCME). National University of Science and
13 Technology (NUST). H12, Islamabad

14 ⁵ Atta-ur-Rehman School of Applied Biosciences (ASAB). National University of Sciences and
15 Technology (NUST). H12, Islamabad

16 ⁶ Industrial Biotechnology Division, National Institute of Biotechnology and Genetic
17 Engineering, Faisalabad

18 **Corresponding Author:**

19 ***Dr. Muhammad Imran**

20 Assistant Professor, Department of Biosciences, COMSATS Institute of Information
21 Technology, Park Road, Islamabad

Download English Version:

<https://daneshyari.com/en/article/7786695>

Download Persian Version:

<https://daneshyari.com/article/7786695>

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