Accepted Manuscript

Photoinactivation of multidrug resistant bacteria by monomeric methylene blue conjugated gold nanoparticles

Shakir Khan, Shahper N. Khan, Ramavatar Meena, Ayaz M. Dar, Ruchita Pal, Asad U. Khan

PII: S1011-1344(17)30136-7

DOI: doi: 10.1016/j.jphotobiol.2017.07.011

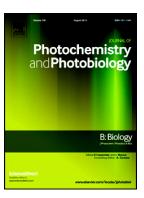
Reference: JPB 10916

To appear in: Journal of Photochemistry & Photobiology, B: Biology

Received date: 1 February 2017 Revised date: 14 June 2017 Accepted date: 14 July 2017

Please cite this article as: Shakir Khan, Shahper N. Khan, Ramavatar Meena, Ayaz M. Dar, Ruchita Pal, Asad U. Khan, Photoinactivation of multidrug resistant bacteria by monomeric methylene blue conjugated gold nanoparticles, *Journal of Photochemistry & Photobiology*, *B: Biology* (2017), doi: 10.1016/j.jphotobiol.2017.07.011

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

Photoinactivation of multidrug resistant bacteria by monomeric methylene blue conjugated

gold nanoparticles

Shakir Khan¹, Shahper N Khan¹, Ramavatar Meena³, Ayaz M Dar², Ruchita Pal⁴, Asad U Khan¹*

¹Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh-202002, India

²Department of Chemistry, Aligarh Muslim University, Aligarh-202002, India

³School of Environmental Sciences, Jawaharlal Nehru University, New Delhi-110067, India

⁴Advanced Instrumentation Research Facility, Jawaharlal Nehru University, New Delhi-110 067,

India.

*Corresponding author: Prof. Asad U. Khan, Interdisciplinary Biotechnology Unit, Aligarh

Muslim University, Aligarh-202002, India

Email: asad.k@rediffmail.com

Phone: +91-9837021912

Fax: +91-571-2721776

1

Download English Version:

https://daneshyari.com/en/article/4754332

Download Persian Version:

https://daneshyari.com/article/4754332

<u>Daneshyari.com</u>