

Accepted Manuscript

Oxidative stress generation of silver nanoparticles in three bacterial genera and its relationship with the antimicrobial activity

M.A. Quinteros, Cano Aristizábal, Dalmasso, Paraje, Páez

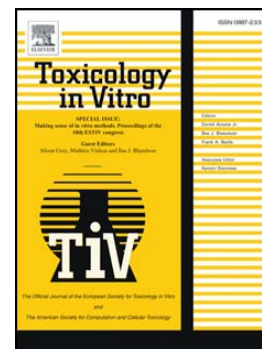
PII: S0887-2333(16)30156-4
DOI: doi: [10.1016/j.tiv.2016.08.007](https://doi.org/10.1016/j.tiv.2016.08.007)
Reference: TIV 3829

To appear in:

Received date: 24 May 2016
Revised date: 11 August 2016
Accepted date: 12 August 2016

Please cite this article as: Quinteros, M.A., Cano Aristizábal, Dalmasso, Paraje, Páez, Oxidative stress generation of silver nanoparticles in three bacterial genera and its relationship with the antimicrobial activity, (2016), doi: [10.1016/j.tiv.2016.08.007](https://doi.org/10.1016/j.tiv.2016.08.007)

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.



TITLE. Oxidative stress generation of silver nanoparticles in three bacterial genera and its relationship with the antimicrobial activity.

AUTHORS. Quinteros MA^{1,2}, Cano Aristizábal V², Dalmaso PR³, Paraje MG^{1,5} and Páez PL^{2,3*}.

AFFILIATIONS. ¹Instituto Multidisciplinario de Biología Vegetal (IMBIV) - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). ²Dpto. Farmacia, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba. ³Unidad de Tecnología Farmacéutica (UNITEFA) - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET). ⁴CITSE, INBIONATEC, CONICET, Universidad Nacional de Santiago del Estero, RN 9, Km 1125, 4206 Santiago del Estero, Argentina. ⁵Cátedra de Microbiología, Facultad de Ciencias Exactas Físicas y Naturales. Universidad Nacional de Córdoba, Argentina.

*Corresponding author. Dr. Paulina L. Páez, Dpto. Farmacia, Facultad de Ciencias Químicas, Universidad Nacional de Córdoba, Haya de la Torre y Medina Allende, Ciudad Universitaria. X5000HUA. Córdoba, Argentina. Tel/Fax: +54-351-5353865. plpaez@fcq.unc.edu.ar

Download English Version:

<https://daneshyari.com/en/article/5861154>

Download Persian Version:

<https://daneshyari.com/article/5861154>

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