

## Accepted Manuscript

Title: Interaction of green silver nanoparticles with model membranes: Possible role in the antibacterial activity

Authors: Anike P.V. Ferreyra Maillard, Pablo R. Dalmasso, Beatriz A. López de Mishima, Axel Hollmann



PII: S0927-7765(18)30492-2  
DOI: <https://doi.org/10.1016/j.colsurfb.2018.07.044>  
Reference: COLSUB 9500

To appear in: *Colloids and Surfaces B: Biointerfaces*

Received date: 20-4-2018  
Revised date: 29-6-2018  
Accepted date: 20-7-2018

Please cite this article as: Ferreyra Maillard APV, Dalmasso PR, de Mishima BAL, Hollmann A, Interaction of green silver nanoparticles with model membranes: Possible role in the antibacterial activity, *Colloids and Surfaces B: Biointerfaces* (2018), <https://doi.org/10.1016/j.colsurfb.2018.07.044>

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.

**Interaction of green silver nanoparticles with model membranes:  
Possible role in the antibacterial activity.**

Anike P.V. Ferreyra Maillard<sup>a</sup>, Pablo R. Dalmasso<sup>b,1,\*</sup>, Beatriz A. López de Mishima<sup>a</sup>,  
and Axel Hollmann<sup>c,d,1,\*</sup>

<sup>a</sup> INBIONATEC, CONICET, Universidad Nacional de Santiago del Estero, RN 9, Km 1125, 4206 Santiago del Estero, Argentina.

<sup>b</sup> CIQA, CONICET, Departamento de Ingeniería Química, Facultad Regional Córdoba, Universidad Tecnológica Nacional, Maestro López esq. Cruz Roja Argentina, 5016 Córdoba, Argentina.

<sup>c</sup> Centro de Investigaciones en Biofísica Aplicada y Alimentos (CIBAAL), CONICET, Universidad Nacional de Santiago del Estero, RN 9, Km 1125, 4206 Santiago del Estero, Argentina.

<sup>d</sup> Laboratorio of Microbiología Molecular, Instituto de Microbiología Básica y Aplicada, Universidad Nacional de Quilmes, B1876BXD Bernal, Argentina.

<sup>1</sup> Equal contributors, shared seniorship of the paper

\* **Corresponding authors:**

A.H.: [ahollmann@conicet.gov.ar](mailto:ahollmann@conicet.gov.ar), P.R.D: [p-dalmasso@hotmail.com](mailto:p-dalmasso@hotmail.com)

**Statistical summary of the article:** Number of words: 5914

Tables/figures: 7

Download English Version:

<https://daneshyari.com/en/article/6980149>

Download Persian Version:

<https://daneshyari.com/article/6980149>

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