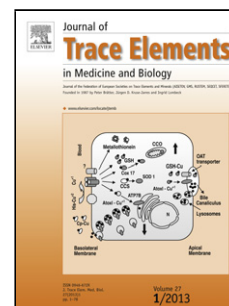


Accepted Manuscript

Title: Nanosilver crystals capped with *Bauhinia acuminata* phytochemicals as new antimicrobials and mosquito larvicides

Authors: Naiyf S. Alharbi, Marimuthu Govindarajan, Shine Kadaikunnan, Jamal M. Khaled, Taghreed N. Almanaa, Sami A. Alyahya, Mohammed N. Al-anbr, Kasi Gopinath, Arumugam Sudha



PII: S0946-672X(18)30324-9
DOI: <https://doi.org/10.1016/j.jtemb.2018.06.016>
Reference: JTEMB 26171

To appear in:

Received date: 11-5-2018
Revised date: 9-6-2018
Accepted date: 19-6-2018

Please cite this article as: Alharbi NS, Govindarajan M, Kadaikunnan S, Khaled JM, Almanaa TN, Alyahya SA, Al-anbr MN, Gopinath K, Sudha A, Nanosilver crystals capped with *Bauhinia acuminata* phytochemicals as new antimicrobials and mosquito larvicides, *Journal of Trace Elements in Medicine and Biology* (2018), <https://doi.org/10.1016/j.jtemb.2018.06.016>

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.

Nanosilver crystals capped with *Bauhinia acuminata* phytochemicals as new antimicrobials and mosquito larvicides

Naiyf S. Alharbi^{**1}, Marimuthu Govindarajan^{2,3*}, Shine Kadaikunnan¹, Jamal M. Khaled¹, Taghreed N. Almanaa¹, Sami A. Alyahya⁴, Mohammed N. Al-anbr¹, Kasi Gopinath⁵, Arumugam Sudha⁶

¹ Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

² Unit of Vector Control, Phytochemistry and Nanotechnology, Department of Zoology, Annamalai University, Annamalainagar 608002, Tamil Nadu, India

³ Department of Zoology, Government College for Women, Kumbakonam 612001, Tamil Nadu, India

⁴ National Center for Biotechnology, King Abdulaziz City for Science and Technology, Riyadh 11442, Saudi Arabia

⁵ Department of Botany, Alagappa University, Karaikudi, India

⁶ Department of Bioinformatics, Alagappa University, Karaikudi, India

Corresponding authors:

* M. Govindarajan, tel.: +91 9585265999; fax: +91 04144 238080; e-mail: drgovind1979@gmail.com

** Naiyf S. Alharbi, tel: +966114675819; e-mail: nalharbi1@ksu.edu.sa

Download English Version:

<https://daneshyari.com/en/article/7638703>

Download Persian Version:

<https://daneshyari.com/article/7638703>

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