

Accepted Manuscript

Anti-*Candida* activity assessment of *Pelargonium graveolens* oil free and nanoemulsion in biofilm formation in hospital medical supplies

Janice Luehring Giongo, Rodrigo de Almeida Vaucher, Viviane Pedroso Fausto, Priscilla Maciel Quatrin, Leonardo Quintana Soares Lopes, Roberto Christ Vianna Santos, André Gündel, Patrícia Gomes, Martin Steppe

PII: S0882-4010(16)30290-X

DOI: [10.1016/j.micpath.2016.08.013](https://doi.org/10.1016/j.micpath.2016.08.013)

Reference: YMPAT 1912

To appear in: *Microbial Pathogenesis*

Received Date: 30 May 2016

Revised Date: 20 July 2016

Accepted Date: 4 August 2016



Please cite this article as: Giongo JL, de Almeida Vaucher R, Fausto VP, Quatrin PM, Lopes LQS, Santos RCV, Gündel A, Gomes P, Steppe M, Anti-*Candida* activity assessment of *Pelargonium graveolens* oil free and nanoemulsion in biofilm formation in hospital medical supplies, *Microbial Pathogenesis* (2016), doi: 10.1016/j.micpath.2016.08.013.

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.

Anti-Candida activity assessment of *Pelargonium graveolens* oil free and nanoemulsion in biofilm formation in hospital medical supplies

Janice Luehring Giongo^{a,b}, Rodrigo de Almeida Vaucher^{c,e*}, Viviane Pedroso Fausto^d, Priscilla Maciel Quatrin^d, Leonardo Quintana Soares Lopes^d, Roberto Christ Vianna Santos^e, André Gündel^f, Patrícia Gomes^d and Martin Steppe^a

^a Programa de Pós-Graduação em Ciências Farmacêuticas, Faculdade de Farmácia, Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Rio Grande do Sul, Brazil.

^b Laboratório de Tecnologia Farmacêutica, Universidade Regional Integrada do Alto Uruguai (URI), Santiago, Rio Grande do Sul, Brazil.

^c Centro de Ciências Químicas, Farmacêuticas e de Alimentos, Faculdade de Farmácia, Universidade Federal de Pelotas (UFPel), Pelotas, Rio Grande do Sul, Brazil.

^d Laboratório de Nanotecnologia, Programa de Pós-Graduação em Nanociências, Centro Universitário Franciscano (UNIFRA), Santa Maria, Rio Grande do Sul, Brazil.

^e Departamento de Microbiologia e Parasitologia, Universidade Federal de Santa Maria (UFSM), Santa Maria, Rio Grande do Sul, Brazil.

^f Departamento de Física, Universidade Federal do Pampa (Unipampa), Bagé, Rio Grande do Sul, Brazil.

Corresponding author: Rodrigo de Almeida Vaucher

E-mail: rodvaucher@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/8750015>

Download Persian Version:

<https://daneshyari.com/article/8750015>

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