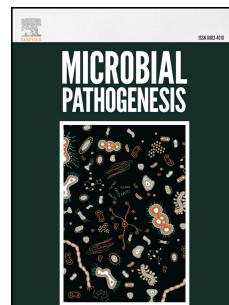


Accepted Manuscript

Anti-inflammatory effect of geranium nanoemulsion macrophages induced with soluble protein of *Candida albicans*

Janice Luehring Giongo, Rodrigo de Almeida Vaucher, Michele Sagrillo, Roberto Christ Vianna Santos, Marta M.M.F. Duarte, Vírginia Cielo Rech, Leonardo Quintana Soares Lopes, Ivana Beatriz da Cruz, Etiane Tatsch, Rafael Noal Moresco, Patricia Gomes, Martin Steppe



PII: S0882-4010(16)30621-0

DOI: [10.1016/j.micpath.2017.01.056](https://doi.org/10.1016/j.micpath.2017.01.056)

Reference: YMPAT 2103

To appear in: *Microbial Pathogenesis*

Received Date: 3 October 2016

Revised Date: 2 January 2017

Accepted Date: 3 January 2017

Please cite this article as: Giongo JL, de Almeida Vaucher R, Sagrillo M, Vianna Santos RC, Duarte MMMF, Rech VC, Soares Lopes LQ, Beatriz da Cruz I, Tatsch E, Moresco RN, Gomes P, Steppe M, Anti-inflammatory effect of geranium nanoemulsion macrophages induced with soluble protein of *Candida albicans*, *Microbial Pathogenesis* (2017), doi: 10.1016/j.micpath.2017.01.056.

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-inflammatory effect of Geranium nanoemulsion macrophages induced with soluble protein of *Candida albicans*

Janice Luehring Giongo^{a,b*}, Rodrigo de Almeida Vaucher^{c,d}, Michele Sagrillo^e, Roberto Christ Vianna Santos^f, Marta M. M. F. Duarte^g, Vírginia Cielo Rech^c, Leonardo Quintana Soares Lopes^{c,d}, Ivana Beatriz da Cruz^h, Etiane Tatschⁱ, Rafael Noal Morescoⁱ, Patricia 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, Universidade Federal de Pelotas (UFPel), Pelotas, Rio Grande do Sul, Brazil.

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

^e Laboratório de Cultura Celular e Biologia Molecular, Centro Universitário Franciscano, UNIFRA, Santa Maria, Rio Grande do Sul, Brazil.

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

^g Departamento de Ciências da Saúde, Universidade Luterana do Brasil, Santa Maria, Rio Grande do Sul, Brazil.

^h Laboratório de Biogenômica, Centro de Ciências da Saúde, Universidade Federal de Santa Maria, Santa Maria, Rio Grande do Sul, Brazil.

Download English Version:

<https://daneshyari.com/en/article/5673731>

Download Persian Version:

<https://daneshyari.com/article/5673731>

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