

Accepted Manuscript

Evaluation of radical scavenging activity, intestinal cell viability and antifungal activity of Brazilian propolis by-product

Lizziane de Francisco, Diana Pinto, Hélen Rosseto, Lucas Toledo, Rafaela Santos, Flávia Tobaldini-Valério, Terezinha Svidzinski, Marcos Bruschi, Bruno Sarmento, Maria Beatriz Oliveira, Francisca Rodrigues



PII: S0963-9969(17)30819-0
DOI: doi:[10.1016/j.foodres.2017.11.046](https://doi.org/10.1016/j.foodres.2017.11.046)
Reference: FRIN 7168

To appear in: *Food Research International*

Received date: 10 August 2017
Revised date: 10 November 2017
Accepted date: 19 November 2017

Please cite this article as: Lizziane de Francisco, Diana Pinto, Hélen Rosseto, Lucas Toledo, Rafaela Santos, Flávia Tobaldini-Valério, Terezinha Svidzinski, Marcos Bruschi, Bruno Sarmento, Maria Beatriz Oliveira, Francisca Rodrigues , Evaluation of radical scavenging activity, intestinal cell viability and antifungal activity of Brazilian propolis by-product. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Food Research International* (2017), doi:[10.1016/j.foodres.2017.11.046](https://doi.org/10.1016/j.foodres.2017.11.046)

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.

Evaluation of radical scavenging activity, intestinal cell viability and antifungal activity of Brazilian propolis by-product

Lizziane de Francisco¹, Diana Pinto², H len Rosseto¹, Lucas Toledo¹, Rafaela Santos¹, Fl via Tobaldini-Val rio³, Terezinha Svidzinski³, Marcos Bruschi¹, Bruno Sarmiento^{4,5,6,*}, Maria Beatriz Oliveira², Francisca Rodrigues^{2,*}

¹ Postgraduate Program in Pharmaceutical Sciences, Laboratory of Research and Development of Drug Delivery Systems, Department of Pharmacy, State University of Maring , 87020-900 Maring , Brazil

² LAQV/REQUIMTE, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Rua Jorge Viterbo Ferreira n.   280, 4050-313 Porto, Portugal

³ Laboratory of Medical Mycology, Department of Clinical Analysis & Biomedicine, State University of Maring , 87020-900 Maring , Brazil

⁴ i3S – Instituto de Investiga o e Inova o em Sa de, University of Porto, Rua Alfredo Allen, 208, 4200-135 Porto, Portugal

⁵ iNEB – Instituto de Engenharia Biom dica, University of Porto, Rua Alfredo Allen, 208, 4200-135 Porto, Portugal

⁶ CESPU, Instituto de Investiga o e Forma o Avan ada em Ci ncias e Tecnologias da Sa de & Instituto Universit rio de Ci ncias da Sa de, Gandra, Portugal

***Corresponding Author:** Francisca Rodrigues, REQUIMTE/LAQV, Department of Chemical Sciences, Faculty of Pharmacy, University of Porto, Rua Jorge Viterbo Ferreira n.   280, 4050-313 Porto, Portugal. Tel.: + 351 220428500; Fax: + 351 226093390; Email address: franciscapintolisboa@gmail.com; fsarmiento@ff.up.pt; Bruno Sarmiento, Instituto de Investiga o e Inova o em Sa de, University of Porto, Rua Alfredo Allen, 208, 4200-135 Porto, Portugal. Tel.: + 351 226074949; Fax: + 351 226094567; Email address: bruno.sarmiento@ineb.up.pt.

Download English Version:

<https://daneshyari.com/en/article/8889846>

Download Persian Version:

<https://daneshyari.com/article/8889846>

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