

Accepted Manuscript

Risk assessment of Soulatrolide and Mamea (A/BA+A/BB) coumarins from *Calophyllum brasiliense* by a toxicogenomic and toxicological approach

J.C. Gomez-Verjan, E. Estrella-Parra, E.R. Vazquez-Martinez, I. Gonzalez-Sanchez, G. Guerrero-Magos, D. Mendoza-Villanueva, L. Isus, A. Alfaro, M. Cerbón-Cervantes, P. Aloy, R. Reyes-Chilpa

PII: S0278-6915(16)30073-4

DOI: [10.1016/j.fct.2016.03.010](https://doi.org/10.1016/j.fct.2016.03.010)

Reference: FCT 8532

To appear in: *Food and Chemical Toxicology*

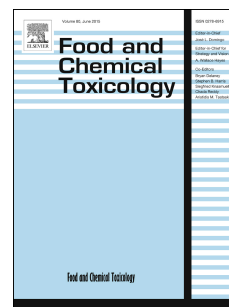
Received Date: 30 November 2015

Revised Date: 8 February 2016

Accepted Date: 12 March 2016

Please cite this article as: Gomez-Verjan, J., Estrella-Parra, E., Vazquez-Martinez, E.R., Gonzalez-Sanchez, I., Guerrero-Magos, G., Mendoza-Villanueva, D., Isus, L., Alfaro, A., Cerbón-Cervantes, M., Aloy, P., Reyes-Chilpa, R., Risk assessment of Soulatrolide and Mamea (A/BA+A/BB) coumarins from *Calophyllum brasiliense* by a toxicogenomic and toxicological approach, *Food and Chemical Toxicology* (2016), doi: 10.1016/j.fct.2016.03.010.

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.



TITLE**Risk assessment of Soulatrolide and Mammea (A/BA+A/BB) coumarins from
Calophyllum brasiliense by a toxicogenomic and toxicological approach****Authors**

Gomez-Verjan JC.¹, Estrella-Parra E.¹, Vazquez-Martinez E.R.², Gonzalez-Sanchez I.¹,
Guerrero-Magos G.³, Mendoza-Villanueva D.⁴, Isus L.⁵, Alfaro A.⁶, Cerbón-Cervantes M.²,
Aloy P.^{5,7}, Reyes-Chilpa R.^{1*}

Affiliation

¹Departamento de Productos Naturales, Instituto de Química, UNAM, Mexico City, Mexico

²Unidad de Investigación en Reproducción Humana, Instituto Nacional de Perinatología-Facultad de Química, UNAM, Mexico City, Mexico

³Lab. Fitofarmacología, Departamento de Farmacología, Facultad de Medicina, UNAM; México City, Mexico

⁴Laboratory of Cell and Developmental Signaling, Center for Cancer Research, National Cancer Institute, Frederick, U.S.A.

⁵Joint IRB-BSC-CRG Program in Computational Biology. Institute for Research in Biomedicine (IRB Barcelona), Barcelona, Catalonia, Spain.

⁶Unidad de Medicina Genómica, Facultad de Medicina, UNAM/Hospital General de México. México, D.F. México.

⁷Institució Catalana de Recerca i Estudis Avançats (ICREA), Barcelona, Catalonia, Spain.

***Corresponding Author:**

R. Reyes-Chilpa. Depto. Productos Naturales, Instituto de Química, UNAM, Del. Coyoacán, 04510 Mexico City, Mexico. Tel: +52 (55) 56091104 Fax: +52 (55) 56-16-22-17 e-mail: chilpa@unam.mx (UNAM); carlosverjan@comunidad.unam.mx (UNAM)

Download English Version:

<https://daneshyari.com/en/article/5849410>

Download Persian Version:

<https://daneshyari.com/article/5849410>

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