

Accepted Manuscript

Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats

Maurilio Da Silva Morrone, Carlos Eduardo Schnorr, Guilherme Antônio Behr, Juciano Gasparotto, Rafael Calixto Bortolin, Karla Suzana Moresco, Leonardo Bittencourt, Alfeu Zanotto-Filho, Daniel Pens Gelain, José Cláudio Fonseca Moreira

PII: S0955-2863(16)30030-4
DOI: doi: [10.1016/j.jnutbio.2016.03.010](https://doi.org/10.1016/j.jnutbio.2016.03.010)
Reference: JNB 7571

To appear in: *The Journal of Nutritional Biochemistry*

Received date: 13 October 2015
Revised date: 7 March 2016
Accepted date: 20 March 2016

Please cite this article as: Da Silva Morrone Maurilio, Schnorr Carlos Eduardo, Behr Guilherme Antônio, Gasparotto Juciano, Bortolin Rafael Calixto, Moresco Karla Suzana, Bittencourt Leonardo, Zanotto-Filho Alfeu, Gelain Daniel Pens, Moreira José Cláudio Fonseca, Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats, *The Journal of Nutritional Biochemistry* (2016), doi: [10.1016/j.jnutbio.2016.03.010](https://doi.org/10.1016/j.jnutbio.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.



Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats

MAURILIO DA SILVA MORRONE, CARLOS EDUARDO SCHNORR,
GUILHERME ANTÔNIO BEHR, JUCIANO GASPAROTTO, RAFAEL CALIXTO
BORTOLIN, KARLA SUZANA MORESCO, LEONARDO BITTENCOURT, ALFEU
ZANOTTO-FILHO, DANIEL PENS GELAIN, JOSÉ CLÁUDIO FONSECA
MOREIRA.

Centro de Estudos de Estresse Oxidativo, Departamento de Bioquímica, Instituto de Ciências Básicas da Saúde, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brasil.

Corresponding author:

Morrone, M. S. Address: Rua Ramiro Barcelos 2600 – Anexo Depto. Bioquímica, Lab 32; CEP 90035-003 – Porto Alegre – RS – Brasil; e-mail: maurilio.bio@gmail.com; Phone: +55 51 92258448 Lab phone: +55 51 33085578.

Running title: Curcumin reverses neural damage due to ovariectomy

Funding sources: The Brazilian research funding Cnpq (Universal 470973/2012-9, 402471/2013-0, 301649/2013-8). Maurilio da Silva Morrone was the recipient of a Cnpq fellowship.

Download English Version:

<https://daneshyari.com/en/article/8336624>

Download Persian Version:

<https://daneshyari.com/article/8336624>

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