

Accepted Manuscript

Mevalonolactone disrupts mitochondrial functions and induces permeability transition pore opening in rat brain mitochondria: Implications for the pathogenesis of mevalonic aciduria

Cristiane Cecatto, Alexandre Umpierrez Amaral, Janaína Camacho da Silva, Alessandro Wajner, Kálita dos Santos Godoy, Rafael Teixeira Ribeiro, Aline de Mello Gonçalves, Carmen Regla Vargas, Moacir Wajner

PII: S0197-0186(16)30442-9

DOI: [10.1016/j.neuint.2017.03.005](https://doi.org/10.1016/j.neuint.2017.03.005)

Reference: NCI 4023

To appear in: *Neurochemistry International*

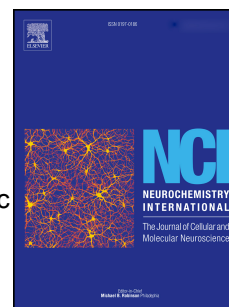
Received Date: 14 November 2016

Revised Date: 7 February 2017

Accepted Date: 6 March 2017

Please cite this article as: Cecatto, C., Amaral, A.U., da Silva, J.C., Wajner, A., Godoy, K.d.S., Ribeiro, R.T., de Mello Gonçalves, A., Vargas, C.R., Wajner, M., Mevalonolactone disrupts mitochondrial functions and induces permeability transition pore opening in rat brain mitochondria: Implications for the pathogenesis of mevalonic aciduria, *Neurochemistry International* (2017), doi: 10.1016/j.neuint.2017.03.005.

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.



Mevalonolactone disrupts mitochondrial functions and induces permeability transition pore opening in rat brain mitochondria: implications for the pathogenesis of mevalonic aciduria

Cristiane Cecatto¹, Alexandre Umpierrez Amaral¹, Janaína Camacho da Silva¹, Alessandro Wajner¹, Kálita dos Santos Godoy¹, Rafael Teixeira Ribeiro¹, Aline de Mello Gonçalves¹, Carmen Regla Vargas^{3,4}, Moacir Wajner^{1,2,3*}

¹Programa de Pós-Graduação em Ciências Biológicas: Bioquímica, Instituto de Ciências Básicas da Saúde, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brazil

²Departamento de Bioquímica, Instituto de Ciências Básicas da Saúde, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brazil

³Serviço de Genética Médica, Hospital de Clínicas de Porto Alegre, Porto Alegre, RS, Brazil

⁴Programa de Pós-Graduação em Ciências Farmacêuticas, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brazil

***Corresponding author:** Moacir Wajner, Departamento de Bioquímica, Instituto de Ciências Básicas da Saúde, Universidade Federal de Rio Grande do Sul, Rua Ramiro Barcelos, 2600 – Anexo, CEP 90035-003, Porto Alegre, RS – Brazil. Phone: +55 51 3308-5571, fax: +55 51 3308-5540, e-mail: mwajner@ufrgs.br

Download English Version:

<https://daneshyari.com/en/article/5534707>

Download Persian Version:

<https://daneshyari.com/article/5534707>

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