

Accepted Manuscript

Title: Therapeutic Potential and Limitations of Cholinergic Anti-Inflammatory Pathway in Sepsis

Author: Alexandre Kanashiro Fabiane Sônego Raphael G. Ferreira Fernanda V.S. Castanheira Caio A. Leite Vanessa F. Borges Daniele C. Nascimento David F. Cólón José Carlos Alves-Filho Luis Ulloa Fernando Q. Cunha



PII: S1043-6618(16)31171-9
DOI: <http://dx.doi.org/doi:10.1016/j.phrs.2016.12.014>
Reference: YPHRS 3437

To appear in: *Pharmacological Research*

Received date: 7-11-2016
Revised date: 7-12-2016
Accepted date: 9-12-2016

Please cite this article as: Kanashiro Alexandre, Sônego Fabiane, Ferreira Raphael G, Castanheira Fernanda VS, Leite Caio A, Borges Vanessa F, Nascimento Daniele C, Cólón David F, Alves-Filho José Carlos, Ulloa Luis, Cunha Fernando Q. Therapeutic Potential and Limitations of Cholinergic Anti-Inflammatory Pathway in Sepsis. *Pharmacological Research* <http://dx.doi.org/10.1016/j.phrs.2016.12.014>

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.

Therapeutic Potential and Limitations of Cholinergic Anti-Inflammatory Pathway in Sepsis

Alexandre Kanashiro^{1*}, Fabiane Sônego^{1,2#}, Raphael G. Ferreira^{1#}, Fernanda V.S. Castanheira¹, Caio A. Leite¹, Vanessa F. Borges¹, Daniele C. Nascimento¹, David F. Cólón³, José Carlos Alves-Filho¹, Luis Ulloa^{4*}, Fernando Q. Cunha¹

¹Department of Pharmacology, Ribeirão Preto Medical School, University of São Paulo, Av. Bandeirantes 3900, 14049-900, Ribeirão Preto, SP, Brazil.

²Imagopole, Pasteur Institute, Paris, France.

³Department of Immunology and Biochemistry, Ribeirão Preto Medical School, University of São Paulo, Av. Bandeirantes 3900, 14049-900, Ribeirão Preto, SP, Brazil.

⁴Center of Immunology and Inflammation, Rutgers University - New Jersey Medical School, Newark, NJ 07103, USA.

*Correspondent authors: Alexandre Kanashiro, Luis Ulloa.

#These authors contributed equally to this work

E-mail: alex_bioquimica@yahoo.com.br (A. Kanashiro), Luis.Ulloa@rutgers.edu (L. Ulloa)

Download English Version:

<https://daneshyari.com/en/article/5557386>

Download Persian Version:

<https://daneshyari.com/article/5557386>

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