Accepted Manuscript

Title: Ascaris lumbricoides infection induces both, reduction and increase of asthma symptoms in a rural community

Authors: Josefina Zakzuk, Stephanie Casadiego, Ana Mercado, Nelson Alvis-Guzman, Luis Caraballo

PII: S0001-706X(17)30986-5

DOI: https://doi.org/10.1016/j.actatropica.2018.07.016

Reference: ACTROP 4721

To appear in: Acta Tropica

Received date: 22-8-2017 Revised date: 20-7-2018 Accepted date: 20-7-2018

Please cite this article as: Zakzuk J, Casadiego S, Mercado A, Alvis-Guzman N, Caraballo L, *Ascaris lumbricoides* infection induces both, reduction and increase of asthma symptoms in a rural community, *Acta Tropica* (2018), https://doi.org/10.1016/j.actatropica.2018.07.016

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.



ACCEPTED MANUSCRIPT

Zakzuk et al.

Title:
Ascaris lumbricoides infection induces both, reduction and increase of asthma symptoms in a rural
community
Josefina Zakzuk, MD, PhD ^{a,b,c}
Stephanie Casadiego, MD, MSc ^a
Ana Mercado, MSc ^{a,b}
Nelson Alvis-Guzman, MD, MPH, PhD ^c
Luis Caraballo, MD, MSc, PhD ^{a,b}
^a Institute for Immunological Research, University of Cartagena, Cartagena, Colombia.
^b Foundation for the Development of Medical and Biological Sciences (Fundemeb), Cartagena, Colombia.
^c Group of Health Economics Research, University of Cartagena, Cartagena, Colombia.
Corresponding author:
Luis Caraballo, MD, MSc, PhD
Cra. 5 # 7-77, Cartagena, Colombia
Phone: +57 310 352 7373
Fax: +575 669 8491
E-mail: lcaraballog@unicartagena.edu.co

Download English Version:

https://daneshyari.com/en/article/8744107

Download Persian Version:

https://daneshyari.com/article/8744107

<u>Daneshyari.com</u>