

# Accepted Manuscript

The association between endotoxin and beta-(1→3)-D-glucan in house dust with asthma severity among schoolchildren

Oluwafemi Oluwole, Donna C. Rennie, Ambikaipakan Senthilselvan, Roland Dyck, Anna Afanasieva, Shelley Kirychuk, George Katselis, Joshua A. Lawson



PII: S0954-6111(18)30079-9

DOI: [10.1016/j.rmed.2018.03.015](https://doi.org/10.1016/j.rmed.2018.03.015)

Reference: YRMED 5394

To appear in: *Respiratory Medicine*

Received Date: 21 September 2017

Accepted Date: 13 March 2018

Please cite this article as: Oluwole O, Rennie DC, Senthilselvan A, Dyck R, Afanasieva A, Kirychuk S, Katselis G, Lawson JA, The association between endotoxin and beta-(1→3)-D-glucan in house dust with asthma severity among schoolchildren, *Respiratory Medicine* (2018), doi: 10.1016/j.rmed.2018.03.015.

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.

**The Association between Endotoxin and Beta-(1→3)-D-Glucan in House Dust with Asthma  
Severity among Schoolchildren**

Oluwafemi Oluwole<sup>a,b,\*</sup>, Donna C. Rennie<sup>b,c</sup>, Ambikaipakan Senthilselvan<sup>d</sup>, Roland Dyck<sup>b,e</sup>,  
Anna Afanasieva<sup>b</sup>, Shelley Kirychuk<sup>b,e</sup>, George Katselis<sup>b,e</sup>, Joshua A. Lawson<sup>b,e</sup>

**Affiliations:** <sup>a</sup>Department of Community Health and Epidemiology, University of Saskatchewan, 104 Clinic Place Saskatoon, SK, S7N 2Z4, Canada; <sup>b</sup>Canadian Centre for Health and Safety in Agriculture, College of Medicine, University of Saskatchewan, 104 Clinic Place, PO Box 23, Saskatoon, SK, S7N 2Z4, Canada; <sup>c</sup>College of Nursing, University of Saskatchewan, 104 Clinic Place Saskatoon, SK, S7N 2Z4, Canada; <sup>d</sup>School of Public Health, University of Alberta, 11405 – 87 Ave Edmonton, Alberta T6G 1C9 AB, Canada; <sup>e</sup>Department of Medicine, College of Medicine, University of Saskatchewan, 103 Hospital Drive, Saskatoon SK S7N 0W8, Canada

**\*Address correspondence to:** Oluwafemi Oluwole

Canadian Centre for Health and Safety in Agriculture, University of Saskatchewan,  
104 Clinic Place, PO Box 23, Saskatoon, SK, S7N 2Z4, Canada.

Email: [olo535@mail.usask.ca](mailto:olo535@mail.usask.ca)

Telephone: 1-306-966-6073

**Running Head Title:** Indoor microbial exposure and asthma severity

Download English Version:

<https://daneshyari.com/en/article/8819903>

Download Persian Version:

<https://daneshyari.com/article/8819903>

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