Reviewer’s report

Title: Respiratory health effects of exposure to low levels of airborne endotoxin - a systematic review

Version: 0 Date: 12 Jan 2018

Reviewer: Jill Poole

Reviewer’s report:

This review manuscript is a well-written and conducted study that applied a systematic review process to ultimately review 31 articles to compile a comprehensive review on the respiratory effects of exposure to low levels of airborne endotoxin. Due to the heterogeneity of the studies, a meta-analysis could not be conducted and instead a best evidence synthesis was performed. The presentation of data is comprehensive and easy to follow. The authors conclude that respiratory health effects from low levels of airborne endotoxin are plausible, and the discussion appropriately gives the strengths and weakness of this report. It would serve as an appropriate guide for researchers in this field. In all studies, it appears that the LAL assay for measuring endotoxin was used, and perhaps the authors could briefly comment upon the strengths/weakness of this measurement and sampling methods utilized across the studies in the discussion.

Level of interest
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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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