**Reviewer’s report**

**Title:** Longitudinal Follow-up of Health Effects among Workers Handling Engineered Nanomaterials: A Panel Study

**Version:** 1  **Date:** 17 Sep 2019

**Reviewer:** Michael Riediker

**Reviewer's report:**

This is a revised version of a previously reviewed manuscript. Overall, the authors responded satisfactorily to the comments made. There is only one minor comments to a change made.

Minor revision:

Page 26: the discussion of the healthy worker effect could be further improved. There are basically two fears in the healthy worker effect: 1) drop out of highly exposed workers who get sick during the observation period -&gt; this is well described in the article and 2) sensitive workers leaving the job shortly after they started (or not even applying for the job) and thus not contributing to the statistics -&gt; This would be difficult to identify unless the authors had access to job-entry exam data (probably difficult to obtain). My suggestion would be to change the wording to the following:

„Finally, there is the risk to underestimate the effect of NPs exposure if workers with high exposures would not participate in the follow-up exams. This risk is low because we collected workers' specimens during a series of annual health examinations, which provides the absence pattern of workers. However, we cannot fully exclude a healthy worker effect in which workers quit the job because of health issues before they started to participate in the study."

**Level of interest**

Please indicate how interesting you found the manuscript:

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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