Reviewer’s report

Title: Activation of inflammatory responses in human U937 macrophages by particulate matter collected from dairy farms

Version: 1 Date: 2 December 2011

Reviewer: Cecilie Svanes

Reviewer’s report:

Minor essential revisions:
The conclusion should be removed from the last part of the introduction. More references as to the epidemiological evidence for symptoms/disease in relation to farms should be given in the introduction. The fact that early life farm exposure appear to to have a "protective" effect, could briefly be mentioned in the discussion; the 2011 NEJM paper by MJ Ege could be a good reference.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests.