Reviewer's report

Title: Fraction of exhaled nitric oxide after experimental exposure to diesel exhaust or ozone

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Reviewer: Bert Brunekreef

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This paper describes an experimental study of diesel exhaust and ozone exposures in relation to FENO as a non-invasive marker of airway inflammation. At low flow rates, diesel but not ozone was found to increase FENO in this group of healthy volunteers.

Comments:

Both lung function and FENO exhibit circadian rhythms which may affect the comparisons at 6 hours if exposures to diesel, ozone and filtered air were not always at the same time of the day. This should be clarified.

Data in tables were mostly expressed as means and SEM; I found that unhelpful as the SEM is a function of group size. Better to provide SD and range. The figures are much more informative.

References 21-22 in the text are really 20-21 (I think) and 23 in text is 22 in list? Please check.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

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

Declaration of competing interests:

No COI