Reviewer’s report

Title: Fetal exposure to bisphenol A enhances the development of experimental asthma

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Reviewer: M Ian Gilmour

Reviewer’s report:

This is a nice concise paper that shows that exposure to BPA either in utero through breast milk, or in utero alone increases hyperreactivity in an allergic asthma model in mice. The authors also found delays in expression of BPA-metabolizing enzymes which could account for this effect. The methods, results and conclusions are very clear.

Specific comments

Airway reactivity is only one measure of allergic lung disease. The paper would be stronger if the authors included other pulmonary endpoints such as immune cytokines, cell differentials in the lung, pathology etc.

The levels of BPA are given for the pups that were exposed in utero and in breast milk. Some idea of BPA in the breast milk only and control animals would be good additional information for comparative purposes.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I have no competing interests