Reviewer's report

Title: Evaluation of Maternal PCB Exposure related to Time to Pregnancy in Daughters

Version: 2 Date: 5 July 2013

Reviewer: cécile Chevrier

Reviewer's report:

I thank the authors for having taken into account all the comments and suggestions I’ve made. I appreciate all the responses and the revised manuscript which has been substantially improved.

I have only 4 discretionary comments:

> Is the Carrico reference adequate for EH? « Carrico C: Richmond, VA: Virginia Commonwealth University; 2013 ». The title of the dissertation might be added.

> Table 2: I suspect slight errors in the Table 2: According to the mean shown in the Distribution of Summed Weights, I would expect to see in the « Average Bootstrap Sum »: 0.27, 0.15 and 0.33 instead of 0.26, 0.14 and 0.32 for respectively the di-ortho, the tri-ortho and the highly chlorinated groups.

> To avoid confusion I would suggest to add « present » in the following sentence:

PAGE 16: « In our PRESENT study we found increased TTP with PCBs thought to be antiestrogenic (PCBs 66, 74, 105, 118, 156 and 167) as well as those not classified in any of the Wolf et al (1997) groupings (PCBs 56, 146). In contrast, shorter TTP was associated with PCBs thought to be anti-estrogenic (PCBs 66, 74, 105, 118, 156 and 167) and those thought to be PB-inducers (PCBs 99, 153, 180, 203 and 183). »

And to add « In Cohn et al. » in the following sentence:

PAGE 21: « In COHN et al. [4], we found longer TTP associated with prenatal exposure to PCBs 187, 156 and 99 and shorter TTP associated with prenatal exposure to PCBs 105, 138, and 183. »

> Figure 1: This figure is not necessary (and might be introduced in the Table 1, as it has been done in the Table 2). Or the names « Group1 », « Group2A », etc... must appear in the Figure 1, as in the Table 1.

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 declare that I have no competing interests