Reviewer’s report

Title: Inverse Association of Colorectal Cancer Prevalence to Serum Levels of Perfluorooctanoate (PFOA) and Perfluorooctane Sulfonate (PFOS) in a Large Appalachian Population

Version: 2 Date: 22 January 2013

Reviewer: Leondios Leondiadis

Reviewer’s report:

The revised manuscript has been improved from the first version. New analytical and statistical data have been added. The analytical procedure was corrected in the text according to my comments and most of the questions posed were answered satisfactory.

I propose the publication of the paper after the following minor revision. The Conclusion paragraph of the abstract should be modified so as to be consistent with the Conclusions section in the end of the paper as follow “The inverse association between PFOS and CRC diagnosis was found to be strong whereas the inverse association between PFOA and CRC was moderate. If confirmed………”

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