Reviewer's report

Title: Unintended effects of statins from observational studies in general population: systematic review and meta-analysis

Version: 1 Date: 13 November 2013

Reviewer: Kosmas Paraskevas

Reviewer's report:

1. Is the question posed by the authors new and well defined? Yes.
2. Are the methods appropriate and well described, and are sufficient details provided to replicate the work? Yes.
3. Are the data sound and well controlled? Yes.
4. Does the manuscript adhere to the relevant standards for reporting and data deposition? Yes.
5. Are the discussion and conclusions well balanced and adequately supported by the data? Yes.
6. Do the title and abstract accurately convey what has been found? Yes.
7. Is the writing acceptable? Yes.

Minor Compulsory Revisions
Several reports have described an effect of statins on asthma and on sepsis. Could the authors extend their study to discuss these issues as well?

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

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None

- Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this paper, either now or in the future? No.
- Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this paper, either now or in the future? No.
- Do you hold or are you currently applying for any patents relating to the content of the manuscript? No.
- Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript? No.
- Do you have any other financial competing interests? No.
- Do you have any non-financial competing interests in relation to this paper? No.

I declare that I have no competing interests