Reviewer's report

Title: Effect of the rs2259816 polymorphism in the HNF1A gene on circulating levels of C-reactive protein and coronary artery disease (The Ludwigshafen Risk and Cardiovascular Health Study)

Version: 1 Date: 30 June 2010

Reviewer: Donald W Bowden

Reviewer's report:

Kieber et al report the results of analysis of an HNF1A polymorphisms with CRP and CAD in angiographically defined CAD patients from the Ludwigshafen Health Study. There are several strengths to the manuscript: a reasonably large sample size, careful phenotypic analysis of CAD, and detailed statistics. The limitation of the manuscript is the demonstration of association with CRP levels of this SNP is already fairly compellingly replicated and the lack of association with CAD could be limited by power issues. This data should be helpful in any additional future large scale meta analyses.

Major compulsory revisions:

Address the power to assess effects on CAD. What effect size could confidently be expected to be observed? Prior reports of this SNP have linked it to CAD--what are the differences with those reports?

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

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'