Reviewer’s report

Title: Positive Association between Aspirin-Intolerant Asthma and Genetic Polymorphisms of FSIP1: a Case Control Study

Version: 2 Date: 7 April 2010

Reviewer: Jyotsna Batra

Reviewer’s report:

The m/s submitted by Jason Y Kim 'Positive Association between Aspirin-Intolerant Asthma and Genetic Polymorphisms of FSIP1: a Case Control Study' is a well defined study, assessing the association of FSIP1 genetic polymorphisms with Aspirin-Intolerant Asthma in a Korean population for the first time. The results are encouraging and shed light on role of FSIP1 in AIA.

I have following comments:

Major Compulsory Revisions:
My concern is about the smaller sample size used in this study (only 163 AIA patients). Authors should discuss this issue with respect to the power of the study and as a limitation of their study.

Minor Revisions:
Authors have talked about role of aspirin in spermatogenesis in introduction and discussion For example 'Another less known function of aspirin is that it can also lead to increased rate of spermatogenesis'

Are there any evidences of link between spermatogenesis and AIA? Authors should refer to those works, otherwise omit these redundant sentences.

Use of 'case-control' study is bit confusing. Current study is rather a case-case study. Authors should avoid the use of 'controls' for ATA patients.

In statistical analysis, use of the word 'logistic analysis' is not clear. Do the authors intend to write 'logistic regression analysis'?

Though manuscript is well written overall, language needs slight improvement, 'Introduction' section in specific.

Discretionary Revisions:
It would be better to add a para about the work carried out at the end on 'Introduction'.

Level of interest: An article of importance in its field

Quality of written English: Needs some language corrections before being
published

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

**Declaration of competing interests:**

I declare that I have no competing interests.