Reviewer's report

Title: TGFB and TGFBR1 polymorphisms and breast cancer risk in the Nurses' Health Study

Version: 1 Date: 14 May 2007

Reviewer: Wilfried Renner

Reviewer's report:

This is a very well-designed study with an impressive study-size. The results are basically negative, but this does not diminish the high quality of the data.

Minor Essential Revisions:
The sub-group analysis in estrogen receptor positive patients was obviously a post-hoc analysis and not based upon an a-priori hypothesis stated before collection of the data. Strictly speaking, this subgroup finding should therefore stated as hypothesis-generating and not hypothesis-testing - no matter how low the p-value may be.

What next?: Accept after minor essential revisions

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

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.