Reviewer's report

Title: Gene×Gene interaction between MnSOD and GPX-1 and breast cancer risk: a nested case-control study

Version: 1 Date: 30 June 2006

Reviewer: rui medeiros

Reviewer's report:

In the paper entitled "Gene×Gene interaction between MnSOD and GPX-1 and breast cancer risk: a nested case-control study" Cox and coworkers present interesting findings regarding these genetic polymorphisms.

In our opinion, these findings may help to add discussion in this field of genetic susceptibility to breast cancer. Furthermore, the discussion may include a link to close biological pathways that may be studied using genetic polymorphisms.

We think a discretionary revision of the discussion may help the improvement of the manuscript. In the discussion section, the importance of this polymorphism influencing the pathophysiology of breast cancer should be included.

What next?: Accept after discretionary 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