Reviewer's report

Title: Association Between Dietary Fat and Skin Cancer in an Australian Population Using Case-Control and Cohort Study Designs

Version: 2 Date: 20 February 2006

Reviewer: Sarah McNaughton

Reviewer's report:

General

This paper describes the association between dietary fat intake and skin cancer in an Australia population based sample based on multiple study designs and with dietary intake assessed by a short questionnaire. The analysis seeks to add to the body of conflicting literature between observational studies and intervention trials in this area.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

1. Table 1: It would be useful for Table 1 to include variables that were investigated as confounders (such as age, socioeconomic status, sun exposure, skin type as described in the paper) and any other variables investigated for potential confounding. The authors have presented some variables such as BMI and waist-hip ratio but many other important factors are missing.

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Discretionary Revisions (which the author can choose to ignore)

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

I declare that I have no competing interests