Reviewer’s report

Title: Citrus auraptene suppresses cyclin D1 and significantly delays N-methyl nitrosourea (MNU) induced mammary carcinogenesis in female Sprague-Dawley rats

Version: 4 Date: 11 June 2009

Reviewer: Gallo Daniela

Reviewer’s report:

The authors have revised the manuscript according to reviewers’ comments but, some issues remain before the manuscript is acceptable for publication.

Major compulsory revisions

1. Discussion The 6th paragraph of the discussion [“Previous studies……chemopreventive agents’”] should be eliminated since it is not strictly related to the findings reported.

2. Materials and Methods/Results. Auraptene liver concentration was determined in only two samples: please report only the mean. You do not need to indicate the range since the individual values are reported in figure 6.

3. Results. Please specify that tumors in the 500 ppm group were not available for concentration analysis since they were all used (n=26) for Western blot determinations.

Minor essential revision

1. Figure 9 – Values on the Y axis should be properly reported, i.e. 1, 1.5, 2, 2.5, etc, or 0.5, 1.0, 1.5, etc.

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