Reviewer’s report

Title: Safety and performance analysis of acriflavine and methylene blue for in vivo imaging of precancerous lesions using fibered confocal fluorescence microscopy (FCFM): an experimental study

Version: 4 Date: 10 December 2014

Reviewer: Zhiqian Zhang

Reviewer’s report:

Minor Essential Revisions:

1. In Table 1, the lesions seem not correlated with carcinogen exposure duration. How to explain this? This is need to be discussed.

2. Since the study was carried out using animal, the data may not reflect the situations in human, especially the threshold values. This limitation needs to be discussed. In addition, as mentioned in the manuscript, acriflavine was already used in human. The current study claims that acriflavine caused cell damage in animal model. Whether this discrepancy reflects the difference of model systems or whether it did cause cell damage in human is not clear.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests