Reviewer’s report

Title: A single consumption of curry improved postprandial endothelial function in healthy male subjects: a randomized, controlled crossover trial

Version: 2 Date: 17 February 2014

Reviewer: Sho-ichi Yamagishi

Reviewer’s report:

In this manuscript, Nakayama and colleagues describe the effects of a bout consumption of curry on postprandial endothelia function in 13 healthy male subjects using a randomized, controlled crossover study design. They found that curry food improved postprandial endothelia dysfunction. The authors demonstrated for the first time the data on consumption of curry-induced amelioration of postprandial endothelia function and that curry may be useful for preventing the progression of atherosclerosis in patients with dyslipidemia and diabetes mellitus as well as healthy subjects. The paper is of very interest. Also, technical elements of this paper are well done. The authors should address some minor points.

1. How did the authors select the subjects?

2. In the Methods section: How were the reproducibility and accuracy of the method for measuring flow-mediated dilation in your laboratory?

3. In the Abstract and Results sections (page 3, line 15 and page 12, line 16): “7.4±1.9 to 8.0±2.1” should be corrected to “7.4±1.9% to 8.0±2.1%.”

Quality of written English: Acceptable

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

Declaration of competing interests:

There is conflict of interest.