Reviewer’s report

**Title:** Anti-inflammatory effects of sargachromenol-rich ethanolic extract of Myagropsis myagroides on lipopolysaccharide-stimulated BV-2 cells

**Version:** 1  **Date:** 11 March 2014

**Reviewer:** Yuto Kamei

**Reviewer’s report:**

This paper reports on the anti-inflammatory activity of the ethanol extract of Myagropsis myagroides to LPS-stimulated BV-2 cell line. The authors describe several such activities of M. myagroides ethanol extract to BV-2 cells.

1. The authors should describe the merit or background of BV-2 cell line to investigate such anti-inflammatory activity of natural products in Introduction section. Are BV-2 cells common to use to study the anti-inflammatory activity? If so, please introduce BV-2 cell characteristics in Introduction section.

2. In Table 1, What does "N/A" mean?

3. In Table 1, Are these data from all seaweed ethanol extracts? If so, please describe this in Table 1 because these look like all phenols.

**Level of interest:** An article of outstanding merit and interest in its field

**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.