Reviewer’s report

Title: Anti-inflammatory effect of ethanolic extract from Myagropsis myagroides on murine macrophages and mouse ear edema

Version: 2 Date: 2 July 2012

Reviewer: Min-Hsiung Pan

Reviewer’s report:

Comments to the Author

In this manuscript, the authors studied the anti-inflammatory effect of ethanolic extract of Myagropsis myagroides (EMM) in the LPS-stimulated RAW 264.7 macrophages and the PMA-induced ear edema in mice, and to clarify its underlying molecular mechanisms. This work provides useful information on the EMM with interesting results but there are still critical points needing to be clarified. Authors also should address the critique below.

1. Figure 1, the authors should discuss why EMM only inhibited NO production but not PGE2 in LPS-stimulated cells??
2. Materials and Methods: the purity of used chemicals (eckol and 6,6’-bieckol) should be clarified.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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