Reviewer's report

**Title:** Sho-saiko-to, a traditional herbal medicine, regulates gene expression and biological function by way of microRNAs in primary mouse hepatocytes

**Date:** 20 November 2013

**Reviewer:** chang gue Son

**Reviewer's report:**

This revised manuscript has been improved. However, I suggest that this manuscript needs to be revised more, especially regarding making a concise and clear answer for their original question (explanation of SST pharmacological mechanisms of SST). In conclusion section, authors described that "cell cycle pathways", "metabolism-related pathways" and "immune-related pathways" are involved in the SST actions. However, it is too broad to explain the mechanisms of SST' pharmacological actions because those pathways would be always appeared no matter any drug is used. Please extract and interpretate the most meaningful data, and then provide your readers a clear and interesting conclusion.

**Level of interest:** An article of limited interest

**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'