Reviewer's report

Title: Efficacy and safety of tofacitinib in the treatment of rheumatoid arthritis: a systematic review and meta-analysis

Version: 1 Date: 5 June 2013

Reviewer: Negin Mohtasham

Reviewer's report:

1. The review should be updated because after the time you have submitted the paper, new systematic reviews relevant to your meta analysis have been published one of which is following article:
Safety profile of protein kinase inhibitors in rheumatoid arthritis: systematic review and meta-analysis.
Salgado E, Maneiro JR, Carmona L, Gomez-Reino JJ.

2. To reduce the risk of bias, it is much better to consider some other research sources, for this I recommend to study following article:

3. 11 abstracts have been presented to the EULAR congress, you much better study them and consider them in the case of relevancy for measuring the publication bias to improve the power of your results (as they are including negative results regarding the safety of tofacitinib).

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.