Answers to comments

# 1. The rationale for conducting the meta-analysis

* The present study is qualitative synthesis of the included studies from the search strategy. We could not do a quantitative synthesis as the nature of extracted data did not allow us to do that.

# 2. The contribution that the meta-analysis makes to knowledge in light of previously published related reports, including other meta-analyses and systematic reviews

Ginsenosides are widely known to have many pharmacological activities (Choi 2008; Ernst 2010) such as anti-tumor, anti-inflammatory (Chen et al. 2007), anti-fatigue (Tang et al. 2008) and analgesic effects (Nemmani & Ramarao 2003). Although, the available evidence addressed the bioactivity of ginsenoside. There are few studies that addressed the bioactivity of G-Rk1. In this systematic review, we found that 21 studies have been reported to show various pharmacological and therapeutic effects of G-Rk1 such as anti-cancer effects (Kim et al. 2008), anti-platelet aggregation activities (Ju et al. 2012; Lee et al. 2009), cognitive function enhancement (Bao et al. 2005), anti-inflammatory effects (Kim et al. 2010; Lee 2014), lipid accumulation reduction (Kim et al. 2009), antioxidant effects, and protection against human arthritis (Kim et al. 2010). We did not come across other systematic reviews in which they address the bioactivity of G-Rk1 to compare our results with.

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