**Fig. S1** The category and percentage of terpenoids in the root extracts of forest-grown wild American ginseng.

**Fig. S2.** Effect of AGG on cell viability of RAW 264.7 macrophages. Values are presented as means ± SD (n = 6), a–c with different letter means significantly different at $p < 0.05$. Control: without AGG treatment group.

**Fig. S3** HPLC chromatogram of (a) 10 kinds of AGG standard and (b) sample

**Fig. S4** Dose-dependent cytotoxicity and IC50 values.