Author's response to reviews

Title: Genetic association between selected cytokine genes and glioblastoma in the Han Chinese population

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Dear Editors,

We would like to submit a regular article entitled “Genetic association between selected cytokine genes and glioblastoma in the Han Chinese population” to you for consideration of publication in BMC Cancer. This population-based case-control study aims to find potential association between cytokine gene and glioblastoma susceptibility in the Han Chinese. In this study, we selected seven tag single nucleotide polymorphisms (tSNPs) with minor allele frequency (MAF) > 5% in the HapMap CHB (Chinese Han Beijing) population in six cytokine genes, and analyzed their association with glioblastoma using genetic model analysis. We found two risk tSNPs and one protective tSNP in the level of p<0.05. Besides, we also found one SNP have a different effect on the disease in gender specific population. Our results suggest that cytokine genes have potential role in GBM development, which may be useful to early prognostics for GBM in the Han Chinese population.

Few researches take gender difference into consideration in association analysis of susceptibility gene, and we advocate to analysis association in gender specific population.

All authors have read and approved the content, and agree to submit to your journal for consideration. There is no ethical or legal issue involved in the article.

We thank you very much for handling our manuscript and for your help!

Sincerely,

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