Author's response to reviews

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

Authors:

Tianbo Jin (jintianbo@gmail.com)
Xiaolan Li (lixiaolan881206@163.com)
Jiayi Zhang (695114123@qq.com)
Hong Wang (26005572@qq.com)
Tingting Geng (24057967@qq.com)
Gang Li (1163193372@qq.com)
Guodong Gao (392310535@qq.com)
Chao Chen (cchen898@nwu.edu.cn)

Version: 4 Date: 1 December 2012

Author's response to reviews: see over
Dear Editors,

We would like to submit a regular article entitled “Genetic polymorphism of pharmacogenomic VIP variants in the Tajik ethnic group from northwest of China” to you for consideration of publication in Plos One. In this manuscript, we investigated pharmacogenomics information about Tajik ethnic group in the current database. In the present study, we genotyped 85 VIP variants selected from PharmGKB in 100 unrelated, healthy Tajiks from the Xinjiang Uygur Autonomous Region and we compared our data with other four major populations around the world: CHB, JPT, CEU and YRI (data from HapMap: http://hapmap.ncbi.nlm.nih.gov), we found that Tajiks differed from CHB, JPT and YRI in 23, 21, 27 of the selected VIP genotypes respectively ($p < 0.05$), while the difference between Tajiks and CEU was found in only 7 of the genotypes ($p < 0.05$). In addition, haplotype analysis also found the difference between the Tajiks and other four populations. Our results, for the first time, complement the database of pharmacogenomics information on Tajik ethnic group and provide a theoretical basis for safer drug administration, this may be applied in the diagnosis of certain diseases in Tajiks.

All data described in this manuscript have not been published elsewhere in whole or in part. 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,

Chao Chen, M.D., Ph.D.
National Engineering Research Center for Miniaturized Detection Systems, School of Life Sciences, Northwest University, Xi’an 710069, China
Tel: 86-29-88303800
E-mail: cchen898@nwu.edu.cn