Author's response to reviews

Title: The 271 G>A polymorphism of kinase insert domain-containing receptor gene regulates its transcription level in patients with non-small cell lung cancer

Authors:

She-Juan An (asjuan@126.com)
Zhi-Hong Chen (wczh2002@163.com)
Qiu-Xiong Lin (linqx@yahoo.cn)
Jian Su (sujian2008lin@yahoo.cn)
Hua-Jun Chen (gzchjdoctor@yahoo.com.cn)
Jia-Ying Lin (gzlinjiaying3@yahoo.com.cn)
Yi-Long Wu (syylwu@live.cn)

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Author's response to reviews:

Dear Joseph Dunckley,

Thank you for your reviews on our revised manuscript (MS: 2892514132305376#"The -271 G>A polymorphism of kinase insert domain-containing receptor gene regulate the gene’s transcriptional level in the patients with non-small cell lung cancer"). We have revised the manuscript again according to your comments. The responses to the comments were as follows:

We have asked a professional copyediting service to improve the style of written English. The English of this revised manuscript has been checked by at least two professional editors, both native speakers of English. For a certificate, see: http://www.textcheck.com/certificate/lgwqz8

Reviewer: Rodney J. Scott

The authors should discuss the relevance of the allele frequencies between the control and patient groups.

The should be some discussion about sample size and the possibility of type 1 statistical errors in defining the relevance of the difference in mRNA expression between the patient and control groups.

Some comment should be made that maybe the results of this report indicate that the KDR gene is not dramatically altered in non-small cell lung cancer.

Response: We added more discussion and you will find them in the "Discussion" section: In the present study, the frequency of the AA genotype of the #271 G>A polymorphism was higher among cancer patients than among controls (20.8% versus 15.3%), but the difference was not statistically significant (#2=1.269, P=0.264, Fisher’s exact test). These results suggest that the #271 G>A
polymorphism may not be associated with a risk for lung cancer but may play roles in other steps of lung cancer development. Our study had the limitation of a sample size. A larger study with more than 1000 cancer cases and controls is needed to confirm our findings.

Reviewer: Heidi Greulich
Yes, my criticisms have been answered. Although of low significance, I believe this manuscript is now suitable for publication.

Response: Thanks.

Thank you.

Very Respectfully,
She-Juan An, PhD, MD
Guangdong General Hospital,
Guangdong Lung Cancer Institute,
Guangdong Academy of Medical Sciences
106# Zhongshan Er Lu
Guangzhou, Guangdong, People’s Republic of China 510080