
[JTD] Invitation to review JTD-15-401

"Journal of Thoracic Disease" <info@amepc.org>

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附 件 :

Manuscript ID: JTD-15-401

Title: Gc-globulin (GC) gene polymorphisms and Chronic Obstructive Pulmonary Disease: a meta-analysis

Dear Dr. Guo,

Based on your solid research background, I am writing to you on behalf of the editorial team of the Journal of Thoracic Disease, to ask whether you would be interested in peer-reviewing the above manuscript just submitted to our journal.

Journal of Thoracic Disease (JTD: <http://www.jthoracdis.com>, J Thorac Dis, pISSN: 2072-1439; eISSN: 2077-6624) is a bimonthly peer-reviewed journal available in print and web formats, which was founded in Dec 2009. It is an open access journal and indexed on major indexing sites including Science Citation Index Expanded (SCIE), PubMed/PubMed Central, EMBASE, Scopus and many others. JTD publishes manuscripts that describe new findings in the field, providing current, practical information on the diagnosis and treatment of conditions related to thoracic disease (pulmonary disease, cardiology and esophagus disease). JTD is the Official Publication of: Guangzhou Institute of Respiratory Disease (GIRD), China State Key Laboratory of Respiratory Disease, The First Affiliated Hospital of Guangzhou Medical University, Society for Thoracic Disease (STD) .

The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us. The review itself is due by 2015-05-28.

You can accept or decline our invitation by clicking the Submission URL: <http://www.jthoracdis.com/reviewer/submission/4962?key=M2e6D2kN> and start review without email notification.

You can also notify us by responding to this e-mail as soon as possible

(preferably within three days) whether you accept my invitation to review or not. If you need more time, please let us know and we can extend the deadline for you.

Thank you in advance for your kind assistance!

Best regards,

Journal of Thoracic Disease
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JTD-15-401

"Gc-globulin (GC) gene polymorphisms and Chronic Obstructive Pulmonary Disease: a meta-analysis"

Abstract

Background: A number of polymorphisms in Gc-globulin (GC) gene have been implicated in risk of chronic obstructive pulmonary disease (COPD), but the results were controversial. This study aimed to explore the association between GC gene polymorphisms and COPD risk. Methods: Pubmed and Chinese National Knowledge Infrastructure (CNKI) were searched for eligible case-control studies. The pooled odds ratios (ORs) were performed respectively for single allele comparison, dominant/ recessive models analysis and homozygous gene analysis. Subgroup analyses, sensitivity analyses and publication bias were also performed. Results: Eight studies containing 2216 participants were included. Significant results were obtained in single allele comparison: the ORs were 1.47 in GC1F versus GC1S, and 1.77 in GC1F versus GC2. In the dominant/ recessive models analyses, the ORs of recessive and dominant model in GC1F/1S group were 2.18 and 1.46, respectively. In GC1F/2 group, the OR was 2.86 in dominant model, and 2.71 in recessive model. In homozygous genes comparison, the OR was 2.51 in GC1F homozygote versus other genotypes. In subgroup analyses, the same significant results were obtained in Asian population, but not in Caucasian population. The sensitivity analyses showed the stability of the meta-analysis. The results showed no publication bias. Conclusions: There is a close association between COPD and GC gene polymorphisms. The GC1F allele could be a risk factor, the GC1S and GC2 allele may be protective factors in Asian, but not in Caucasians. Future studies are needed to validate our conclusions.

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