Author's response to reviews

Title: The role of IREB2 and transforming growth factor beta-1 genetic variants in COPD: a replication case-control study

Authors:

Sally L Chappell (sally.chappell@nottingham.ac.uk)
Leslie Daly (Leslie.daly@ucd.ie)
Juzer Lotya (Juzer.lotya@ucd.ie)
Aiman Alsaegh (mrxaa30@nottingham.ac.uk)
Tamar Guetta-Baranes (Tamar.guetta-baranes@nottingham.ac.uk)
Josep Roca (JROCA@clinic.ub.es)
Roberto Rabinovich (roberto.rabinovich@ed.ac.uk)
Kevin Morgan (kevin.morgan@nottingham.ac.uk)
Ann B Millar (Ann.Millar@bristol.ac.uk)
Seamus C Donnelly (seamas.donnelly@ucd.ie)
Vera Keatings (Vera.Keatings@nwhb.ie)
William MacNee (wmacnee@ed.ac.uk)
Jan Stolk (j.stolk.long@lumc.nl)
Pieter S Hiemstra (phiemstra@lumc.nl)
Massimo Miniati (miniati@ifc.cnr.it)
Simonetta Monti (monti@ifc.cnr.it)
Clare M O'Connor (Clare.oconnor@ucd.ie)
Noor Kalsheker (noor.kalsheker@nottingham.ac.uk)

Version: 3 Date: 23 December 2010

Author's response to reviews: see over
Dear Dr Pare,

Please find attached the revised version of our manuscript, which has been modified to take into account your suggestions as detailed below. All changes have been marked using “track changes” in Word.

- **Haplotype frequencies distribution derived from the three TGFB1 SNPs should be given separately in controls and cases, at least in supplementary tables. Lack of univariate information does not mean lack of haplotype effects, especially when LD (expressed in terms of r² and not D’) is low.**

  This is now shown in Supplementary Table 1, and cited on Page 9.

- **The same information should be given for the three kept IREB2 SNPs.**

  This is now shown in Supplementary Table 2, and cited on Page 9.

- **The IREB2 allele frequencies (cases/controls) in each center. The authors mentioned in the results section that even though in each center significance was not attained, the direction of association was homogeneous. These data should be shown, at least in supplementary Tables.**

  This is now shown in Supplementary Table 3, and cited on Page 10.

We look forward to receiving your decision on the revised manuscript.

Yours sincerely,

Prof. Noor Kalsheker