Reviewer's report

**Title:** Association of the rs6982567 near GDF6 with neovascular age-related macular degeneration and polypoidal choroidal vasculopathy in a Han Chinese cohort

**Version:** 2  
**Date:** 16 September 2014

**Reviewer:** Jessica Cooke Bailey

**Reviewer's report:**

**Major Compulsory Revisions**

1. The manuscript needs to be reviewed and edited by an English (as a first language) technical writer to resolve several grammatical and wording errors throughout the manuscript.

2. Please discuss quality control of SNP genotyping - how many samples were genotyped and how many failed? What was the genotyping efficiency rate of the SNP?

3. What program was used to calculate power for the study?

4. Please report the frequency of the SNP in HapMap, Exome Variant Server, and/or 1000 Genomes data - this will help the argument about whether the SNP allele frequencies are different across ethnicities.

5. What covariates were used in statistical analyses?

6. Are there any additional SNPs in LD with this gene that could be genotyped to further explore the potential association in this sample?

**Minor Essential Revisions**

1. It would be beneficial to know the P-values for association when comparing controls to the nAMD and PCV combined (which would more accurately reflect the original analysis performed that classified patients based on AREDS grade).

**Discretionary Revisions**

**Level of interest:** An article of limited interest

**Quality of written English:** Not suitable for publication unless extensively edited

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.