Reviewer's report

Title: A role for CETP TaqIB polymorphism in determining susceptibility to atrial fibrillation: a nested case control study

Version: 1 Date: 20 February 2006

Reviewer: eric van belle

Reviewer's report:

General
The authors investigated the relationship between various gene polymorphisms candidates (ACE gene I/D, AGT gene G-6A, AT1R gene A1166C, Bradykinin 2 C58T, Bradykinin 2 C181T, Bradykinin 2 exon1, CETP I405V, CETP TaqIB) and the presence of atrial fibrillation. For that purpose they conducted a nested case-control study within the PREVEND cohort, including 194 cases and 194 age and gender matched controls. Statistical analysis was performed using the logistic regression method as well as the multifactor-dimensionality reduction (MDR) method. They demonstrated a clear relationship between the CETP TaqIB polymorphism and the presence of atrial fibrillation. This is a new finding and the results are carefully discussed.

The title and abstract accurately convey what has been found and the writing is clear.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)

What next?: Accept without revision

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable