

19<sup>th</sup> May 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 9877-review1.doc).

**Title:** Genetic contribution and associated pathophysiology in coronary heart disease with special reference to ApoAI-CIII-AIV gene region

**Author:** Suraksha Agrawal and Sarabjit Mastana

**Name of Journal:** *World Journal of Cardiology*

**ESPS Manuscript NO:** 9877

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewers

We thank both reviewers for their constructive comments and suggestions and we have improved the paper accordingly

Authors should briefly discuss these questions of interest to practical clinicians –

- i) At what age should screening for the genotype be done, and if present what measure (lifestyle, pharmacological or interventional) is appropriate?

*Response:* We have incorporated these suggestions that genotype information combined with epigenetic and exposomics factors need to be included in the diagnosis and management of the CAD. We highlight that it has to be a holistic approach to personalized medicine. In last paragraphs we highlight these issues.

- ii) How will screening for these genotypes affect the cost management of coronary disease?
- iii) Given the complex interaction between gene and environment (lifestyle), wouldn't intensive healthy lifestyle intervention be needed for all regardless of genotype?

*Response:* While there is initial increase in cost for testing of genotypes, it is generally accepted that genomic medical information will feed into better life style choices and targeted interventions and genotype based interventions will allow individuals to improve quality of life and medical practice to manage healthcare effectively.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Cardiology*.

Sincerely yours,



Dr Sarabjit Mastana

School of Sport, Exercise and Health Sciences,  
Loughborough University, Loughborough, UK.

Tel: +44-1509-223041

Email: [S.S.Mastana@lboro.ac.uk](mailto:S.S.Mastana@lboro.ac.uk)