Author's response to reviews

Title: WRN polymorphisms affect expression levels of plasminogen activator inhibitor type 1 in cultured fibroblasts

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Author's response to reviews: see over
Title: WRN polymorphisms affect expression levels of plasminogen activator inhibitor type 1 in cultured fibroblasts

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Reviewer: JUNKO OSHIMA

Major Compulsory Revisions:

This manuscript had been reviewed and edited by a senior scientists

Minor Essential Revisions

1. The abstract not longer have duplicated words. Data about WRN protective alleles for CVD had been mentioned and results of serum level of PAI-1 had been added.

2. The title of the first subsection was changed and was included explanation why markers of inflammation were measured.

3. Table 2 was presented before Fig 1 and population studies are followed by the cell biological experiments.

4. Method of Western analysis was moved to Materials and Methods section and subsection 4 and 5 of results were combined to become as follow: Effect of the transient knock-down of WRN on PAI-1 expression

5. In Discussion, the word “etc” was eliminated and all the section was rewritten

Reviewer: JOSUNE ORBE

Major Comments

The discussion was rewritten, all the references to tables and figures in this section were removed and findings are discussed relating them with previously published data.

Minor coments
Abstract:
This manuscript had been reviewed and edited by a senior scientist and grammar of abstract was revised.

Material and Methods:
It was included the number of cultures used for iRNA experiments (page 7) and those with atherogenic stimuli (page 7).

Statistical analysis:
Student’s test was used to compare PAI-1 levels in plasma between genotypes (table 2). ANOVA and Turkey’s post-hoc test had been used to compare treatments in iRNA experiments and to compare PAI-1 expression levels between genotypes (figure 1).