Reviewer’s report

Title: Fibrinogen Caracas IX. A novel fibrinogen mutation: FGA g. 3057 C>T (p. Arg104>Cys) impair fibrinogen secretion

Version: 0 Date: 20 May 2017

Reviewer: Eduardo ANGLES-CANO

Reviewer's report:

This is a complete and remarkable report about Fibrinogen Caracas IX both in experimental procedures performed and writing.

I have a mayor although not invalidating comment about results performed with a fibrinogen-enriched fraction from plasma and not a purified fibrinogen as stated.

P6L150: ammonium sulphate precipitation of plasminogen-free plasma probably yields a fibrinogen-enriched fraction containing fibronectin, factor XIII and vWF among other proteins. This should be clarified and stated in the text where necessary.

Minor comments

Please modify as necessary:

P3L76: which forme from the C76 terminal region of the Bβ and γ chains.

P6L162: The aliquot of time 0 was without plasmin.

P6L168: "were loaded in a 5% gel SDS-PAGE, and electroblotted onto nitrocellulose."

Was the sample reduced?

P7L183-196: method for fibrin polymerization, either plasma or fibrinogen, are similar. These paragraphs should be fused.

P14L364-373: Avoid redundancy with p12L298-307

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes
Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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