

Format for ANSWERING REVIEWERS

September 25, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 12821-review.doc).

Title: Pharmacogenetics of type 2 diabetes mellitus: an example of success in clinical and translational medicine.

Author: Antonio Brunetti, Francesco S. Brunetti, Eusebio Chiefari

Name of Journal: *World Journal of Translational Medicine*

ESPS Manuscript NO: 12821

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 reviewer

Reviewer No. 382448

The authors present a review of drugs available for the treatment of type 2 diabetes mellitus, mechanism(s) of actions when known, and genetic mutations/configurations which can influence efficacy and/or occurrence of undesired effects of the above drugs. Overall, the manuscript is well written, plain and possibly useful also for non-specialists. English needs some revision, mainly for which concerns grammar errors and mistyped words in the text. Additionally, some genes are mentioned without explaining the name and function of the corresponding protein, and understandability by readers unfamiliar with the topic could be negatively affected. Figures do not contain crucial information, but if the authors decide to keep them, mistyped words that are present in some of them must be corrected.

Authors:

Grammar errors and mistyped words have been fixed throughout the text and figures. Full names of the mentioned genes are now provided, with the name and function (where known) of the corresponding protein product.

Reviewer No. 202869

This manuscript provides a concise review of genetic variations identified in type 2 diabetic patients and their association with and possible mechanisms accounted for patient specific response to drug treatment. From pharmacogenetics perspective, the authors rationalize the need of personalized medicine for effectively treating type 2 diabetic patients. This concise review is timely, and well-written.

Authors:

Thank you!

Reviewer No. 338280

Comments This review manuscript of Brunetti et al gave an overview of the drugs used in clinical practice in T2DM. The manuscript has been well written and suitable for the Journal. Minor points: 1, abbreviations should be described in the first place where it appears. For example, CYP2C9 in page 6 and page 7. 2, the authors may

want to provide more details or explore deeper mechanisms in the manuscript, which would be helpful to the audience. For example, in page 10, “because of insufficient sample and lack of statistical power.”

Authors:

Minor points: 1, All abbreviations are now fully described throughout the text. 2, As requested by the Reviewer, a new sentence has been included at the beginning of page 10, providing more details that would help the audience to better understand this point.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Translational Medicine*

Sincerely yours,

Antonio Brunetti

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