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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Translational Medicine
ESPS manuscript NO: 12821
Title: Pharmacogenetics of type 2 diabetes mellitus: an example of success in clinical and translational medicine
Reviewer code: 00382448
Science editor: Yue-Li Tian
Date sent for review: 2014-07-27 23:24
Date reviewed: 2014-08-26 02:41

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

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.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Translational Medicine
ESPS manuscript NO: 12821
Title: Pharmacogenetics of type 2 diabetes mellitus: an example of success in clinical and translational medicine
Reviewer code: 00202869
Science editor: Yue-Li Tian
Date sent for review: 2014-07-27 23:24
Date reviewed: 2014-08-27 20:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

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.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Translational Medicine
ESPS manuscript NO: 12821
Title: Pharmacogenetics of type 2 diabetes mellitus: an example of success in clinical and translational medicine
Reviewer code: 00338280
Science editor: Yue-Li Tian
Date sent for review: 2014-07-27 23:24
Date reviewed: 2014-08-27 22:09

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

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.”