

# ESPS Peer-review Report

**Name of Journal:** World Journal of Pharmacology

**ESPS Manuscript NO:** 11937

**Title:** Harnessing pharmacological knowledge to advance personalized medicine decisions in the clinical setting and pharmacotyping: Challenges and lessons learned

**Reviewer code:** 01194590

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2014-06-13 18:09

**Date reviewed:** 2014-06-22 09:32

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input checked="" type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

In this invited review, Vizirianakis et al described how to do personalized medicine decisions by pharmacotyping. Given diverse genetic background, pharmacological response heterogeneity was expected. The author has published similar papers before. Compared with previous ones, I can not read new ideas in this review manuscript. The cited references were too old. Besides, too redundant ideas and sentences appeared throughout the text, which should be largely shortened. Given the importance of personalized medicine which highly correlated genetic background, please set an example in clinical settings and how to apply the points what you emphasized in the text. Clopidogrel or others?

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**Name of Journal:** World Journal of Pharmacology

**ESPS Manuscript NO:** 11937

**Title:** Harnessing pharmacological knowledge to advance personalized medicine decisions in the clinical setting and pharmacotyping: Challenges and lessons learned

**Reviewer code:** 00574024

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2014-06-13 18:09

**Date reviewed:** 2014-06-23 04:11

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input checked="" type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In this review, the author emphasizes the need for a better understanding of pharmacogenomics in order to improve drug treatment. To reach the goal of personalized medicine, education and training of specialists need to be achieved. While this is interesting, the manuscript suffers from poor use of the English language. Runaway sentences abound throughout the paper and some paragraphs are extremely long. Extensive editing is needed in order to convey the ideas in a clear and concise manner. Just to give a few examples, in the Abstract some sentences are almost impossible to understand. For example, it is said that "...in order drug prescription to be improved,..". It should read "in order for drug prescription to be improved,...". And in the next line it says "...by improving the clinical outcome for not, if not all, patients". What does that mean? The last sentence of the Abstract is also incomprehensible. The Introduction goes for almost two pages with a single paragraph. It needs to be reorganized and separated into more paragraphs or sub-sections. In p. 5, lines 21-24, the sentence does not make sense as written. In p. 6, lines 7-8, change "has now well documented" for "is now well documented" and "this knowledge has being already" for "this knowledge has been already". In p. 8, line 8, "the way" is repeated twice. In p. 9 there are several different ideas in a single paragraph, please separate accordingly. In p. 11, lines 9-13 are impossible to understand. In the same page, at the bottom, separate the paragraph into smaller sentences.