

Format for ANSWERING REVIEWERS

August 16, 2013



Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 2429-review.doc).

Title: Massively Parallel Sequencing in Transplantation Science

Author: Andreas Scherer

Name of Journal: *World Journal of Transplantation*

ESPS Manuscript NO: 4295

The manuscript has been improved according to the suggestions of reviewers:

Reviewer 1

- 1) As suggested by the reviewer a paragraph on personalized treatment with immunosuppressants has been added.
- 2) The author is grateful to the reviewer's suggestion. The style of the editorial has been changed. Personal statements and evaluations have erased.
- 3) The author has deleted a section on MPS for personalized treatment of cancer patients and has tried to provide a section on MPS for personalized treatment in transplant patients in the area of pharmacogenomics. The author is not sure how to address the reviewer's valid point about more practical applications within the frame of this manuscript, as this appears to be outside of the focus of this editorial.
- 4) The author is the CEO of the consultancy company Spheromics which is located in Finland. Spheromics itself does not have any interest or stakes in sequencing technologies. The author does not see a conflict of interest.
- 5) The author appreciates the reviewer's comment and has attempted to edit the manuscript accordingly.

Reviewer 2

- 1) The author is grateful to the suggestion. The author does not see how the part on sequencing technology could be further shortened as suggested by the reviewer. The author refers to other papers with respect to detailed descriptions of the technology and instead attempts to bring those readers to a certain level of knowledge which may not be very familiar with the technology. This is necessary as it alludes to other sections of the manuscript which build on this knowledge, such as the bioinformatics section.
- 2) Privacy of sequencing data is of major concern to the scientific community. While they may be not specific to the "transplant population", it is of high importance to outline these concerns in this context, as not all transplant scientists may be up-to-date with the development and discussions in other areas

of science. Hence, the author has decided not to omit these sections.

3) The reviewer recommends adding a summary table on the applications of MPS in transplantation. Such a table could only provide a snapshot of what may be possible, and hence lead to a wrong impression for some readers. Hence the author refrained from such a table at this current time point.

Thank you again for publishing our manuscript in the *World Journal of Transplantation*.

Sincerely yours,

A handwritten signature in black ink, appearing to be 'AS', written in a cursive style.

Dr Andreas Scherer, PhD
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