

## A point-by-point responses to reviewers' comments

	Specific Comments	Responses
Reviewer 1	In the review manuscript entitled: " Profile of biological characterizations and clinical application of corneal stem/progenitor cells" authors provide the characteristics of corneal epithelial stem cells, corneal endothelial cell progenitors and corneal stromal stem cells in detail, as well as their isolation and their culture techniques. Also, they refer to the specific molecular markers that characterize corneal stem/progenitor cells. Moreover, they emphasize their therapeutic value in regenerative medicine for corneal transplantation and summarize all the techniques for bioengineered corneal grafts. The manuscript is well written, and it is worthy to be published in the journal " World Journal of Stem Cells" as it meets the criteria and the standards.	We are exceedingly pleased to receive your comments on our manuscript and quiet grateful for your time and effort.
Reviewer 2	This manuscript is very interesting, showing the characteristics of corneal epithelial stem cells, corneal endothelial cell progenitors and corneal stromal stem cells in detail, identified their anatomical features of their location near the limbus of the cornea, discussed a variety of isolation and culture techniques and related molecular markers and summarized their application and potential in treatment. The author has to modify some prepositions and check grammar.	We are quiet delighted to receive your comments on our manuscript and very grateful for your time and effort. We have corrected preposition errors and other grammatical errors.
Reviewer 3	This is an excellent literature review. In this review, the authors describe in detail the anatomical location and characteristics of corneal stem/progenitor cells (including corneal epithelial stem cells, corneal endothelial cell progenitors and corneal stromal stem cells), and discuss the current research progress on the isolation, culture techniques and related molecular markers of various stem cells. It provides a very detailed medical data for researchers in the field of ophthalmology around the world to carry out corneal stem/progenitor cells research and technical development. There is a minor flaw that needs to be fixed. On line 494, it might be more appropriate to add the word "to the" after "related."	We are very glad to receive your comments on our manuscript and quiet thankful for your time and effort. We have revised the mistake on line 494 by adding the word "to the" after "related."