



**SDI Review Form 1.6**

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|--------------------------|-------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Ophthalmology Research: An international Journal</a>                    |
| Manuscript Number:       | 2014_OR_12138                                                                       |
| Title of the Manuscript: | Apoptosis of corneal stromal cells induced by telopeptides: An <i>invitro</i> study |
| Type of the Article      |                                                                                     |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

|                                           | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b><br>REVISION<br>comments | <p>1. Please explain why C-terminal telopeptide is indicator of collagen degradation not N-terminal telopeptide?</p> <p>2. The main weaknesses of the study are a) the authors used just one donor cornea and also b) the authors did not characterized stromal cells after isolation.</p> <p>3. Use of serum in culture will change keratocytes to fibroblasts, therefore this study does not evaluate the effect of telopeptides on primary keratocytes</p> <p>4. The amount of telopeptide that cause apoptosis is way higher than clinical measurements; therefore the conclusion is not valid clinically.</p> <p>5. Please explain why collagen degradation will start in first place in keratoconus</p> <p>6. Please mention which passage was used at page 4, line 88</p> <p>7. Page 8, line 150-152 should be in method section not discussion</p> |                                                                                                                                                                               |
| <b>Minor</b> REVISION<br>comments         | <p>Page 1, line 1: please change invitro to 'in vitro'</p> <p>Page 1. Line 7: please change the order of concentration from low to high and also in line 14</p> <p>Page 2, line 37: please change is not studied to has not been studied</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                               |
| <b>Optional/General</b><br>comments       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                               |

**Note: Anonymous Reviewer**