

20th November 2015

RE: 22633-manuscript revision

RE: Responses to reviewers for 22633-manuscript revision

Scientific Editor

Please return as doc not pdf file

A doc file has been returned

Please highlight changes

Changes are highlighted as requested.

Please provide a running title

A running title has been included.

Please provide postcodes to affiliations

Postcodes have been added.

Please provide specific street name for corresponding author

A street name has been added, but not there is no street number as the University encompasses the entire street.

Please write a core tip (<100 word summary)

A core tip has been provided.

Audio core tip

An audio core tip has been provided.

Please provide decomposable figure

Decomposable figures have been provided.

Reviewer 646561

Although, manuscript is well done with more recent references, the current evidence of this marker as a possible clinical target to treat disease is lacking. As a Consultant Dermatologist, I would have been more enthusiastic if P2x7 showed a more relevant role in common skin diseases.

As indicated by the other three reviewers, our review is comprehensive and no more can be added at this stage to show a more relevant role for P2X7 in skin disease. However, we envisage this review will serve as a stimulus for future dermatological research.

Reviewer 646537

You could probably consider making the article simpler for the average reader by including short summaries/key learning points and more tables.

A Core Tip section as been added, as well as the inclusion of three new tables (Tables 1-3).

Reviewer 646502

There are no comments from this reviewer that require a response.

Reviewer 646519

It would be useful to include a table for a better understanding of the functions of the P2X7.

A table (Table 1) has been added to provide better understanding of the functions of the P2X7.