PEER-REVIEW REPORT 1

Name of journal: Neural Regeneration Research
Manuscript NO: NRR-D-18-00634
Title: Rabs and axonal regeneration
Reviewer's Name: Melissa Renee Andrews
Reviewer's country: UK
Date sent for review: 2018-09-12
Date reviewed: 2018-09-25
Review time: 13 Days

1. Do you consider this paper is hotspots or important areas in the research field related to neural regeneration?

Yes, membrane transport and axonal regeneration/neurite outgrowth are becoming more and more popular in the regeneration field.

2. Which area do you think this paper falls into? Neurorepair, neuroprotection, neuroregeneration or neuroplasticity.

Neuroregeneration

3. Is the manuscript technically sound, and do the data support the conclusions?

Yes, but a Perspective/review article so no new data presented.

4. Has the statistical analysis been performed appropriately and rigorously?

N/A

5. Is the manuscript presented in an intelligible fashion and written in Standard English?

Yes

6. Your peer review comments will be published as an open peer review report. Do you agree to have your name included with the published article?

Yes

COMMENTS TO AUTHORS

The authors of 'Rabs and axonal regeneration' present a perspective view on the role of small GTPases known as Rabs in axonal regeneration. This article brings together data from loss of function screens as well as cell culture axotomy studies.

The authors provide insight into the latest data on Rabs and axonal regeneration, focusing on Rab27b and its restriction on regeneration.