Peer-review Report
Short Notes applies an anonymous, free-of-charge peer-review process conducted by experts in the relevant field. After acceptance, reviewers' reports, authors' responses and revisions, and the editorial decision are published, and reviewers may choose to disclose their identity.

Peer-reviewers:

- Reviewer 1 : choose not to disclose their identity
- Reviewer 2 : choose not to disclose their identity
- Reviewer 3 : choose not to disclose their identity

Executive Editor: Marc Le Bert, FC3R

Course of the Short Note sn20241113-3r

Short Note submitted on: Monday September 09, 2024

Editorial response: Tuesday November 12, 2024

Dear Author,

Congratulations! We are pleased to inform you that your submission to Short Notes has been accepted with minor revisions. Please address the following points based on the feedback from our reviewers. You have the opportunity to provide any points of disagreement in the designated space for author comments in the submission portal. The revised manuscript should be returned by end of the week:

Reviewer 1:
Figures: All figures are clear; however, please remove Figure 2C as it is based on only one experiment. Correspondingly, remove the associated text in the manuscript.
Graphical Abstract: Consider adding SRF for the mutants and alpha-actin overexpression (OE) to avoid confusion with the "+" symbol. Include myoblasts for clarity.
Figure 1C: Adjust the arrows to be centered on the cells and consider removing the unclear middle cell. Specify if it is a control and add the condition Mut SRF.
Figure 2B: Add a "ns" (not significant) between mut and mut/act.
Figure 2D: Replace "MF20" with "Myhc," "phalloidin" with "actin," and "papi" with "nucleus."
Figure 2F: This figure is based on a single experiment and should be removed.
Text Modifications: Mention "primary mouse myoblasts" in the relevant sections.

Reviewer 2:
Imaging Preferences: Consider using CMYK-colored microscopy images in future submissions.
Text Corrections: There is a typographical error in the Materials and Methods section for Osmotic shock. Please correct "The cells we then cultured" to "The cells were then cultured."

Reviewer 3:
Commends the manuscript for its clarity, precision, and didactic presentation of results. They noted that the data do not show a major impact of actin overexpression on cell stiffness, but appreciate the accessibility of the presentation.

Please make the necessary revisions and submit your updated manuscript by the provided deadline. We look forward to your response and to moving forward with the publication of your work.

Thank you for your valuable contribution to Short Notes.

Best regards,

The Short Notes' editorial board

Author's response: Tuesday November 12, 2024

Dear Short Notes Editors,

Thank you for giving us the opportunity to improve our Short Note in the light of the reviewers comments.

We have addressed all the minor formal points raised by the reviewer and submitted a revised version of the Short Note.

Yours sincerely,
Athanassia Sotiropoulos

Revised version of the Short Note submitted on: Wednesday November 13, 2024

Final editorial response: Wednesday November 13, 2024

Dear Author,

We are pleased to inform you that your manuscript to Short Notes has been accepted for publication. Your contribution underwent a thorough review and has met our criteria for sound experimental design and relevance.

We are currently in the process of assigning your Short Note a DOI, which will enhance its discoverability and citation in the academic community. Your work will be officially published and accessible online soon through the Short Notes Library and the HAL repository.

Thank you for your valuable contribution to the scientific community. We look forward to seeing your research make an impact.

Best regards,

The Editorial Team

Final validation and publication: Wednesday November 13, 2024