



The Journal of Visualized Experiments (JoVE)  
Editorial Board

Subject: Revision of Invited Methods Manuscript

Dear Editorial Board of JoVE,

Please find the revised manuscript entitled “Simultaneous measurements of intracellular calcium and membrane potential in freshly isolated and intact mouse cerebral endothelium” to be considered for publication in JoVE. The authors would like to thank the time of the Senior Review Editor who handled the original submission and the selected Reviewers. We are pleased to acknowledge that all comments have been constructive for the improvement of the manuscript.

As an overview of what to expect with this revised manuscript, we have made major changes to the presentation of the Protocol and Discussion sections in particular. We have clarified details regarding the use of animals compatible with the protocol, specimen viewing and preparation, optimization of digestion cocktail composition vs. time of incubation, details of the trituration process, and tips for securing and examining the cerebral endothelial tube. Commercial details in the primary manuscript have now been removed and are included in the Table of Materials and Reagents only. Altogether, our hope is that the experimenter will build or adapt from the information provided in the manuscript to help us advance vascular biology and neuroscience in general.

We emphasize once more, that as the most popular and informative journal for Methods articles, we believe that JoVE is a suitable venue for publication of this manuscript. We look forward to your response following additional peer review.

Sincerely,

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