Dear JOVE editorial staff and handling editor,

I am submitting a revised manuscript JoVE59277 entitled “Measurement of oxygen consumption rates in intact *Caenorhabditis elegans*” for evaluation. The submission has been modified to address the editorial concerns we received on our manuscript. In a separate rebuttal letter, we have addressed each concern individually. I greatly appreciate your consideration of our manuscript. Please do not hesitate to contact me if you require further information.

All the best

Kenneth Norman

***Editorial comments:*** *1. Please sign the Author License Agreement (ALA). Please then scan and upload the signed ALA with the manuscript files to your Editorial Manager account.*

**Done**

*2. Table 1: Please abbreviate liters to L to avoid confusion. Please use subscripts in chemical formulae to indicate the number of atoms, e.g., H2O, KH2PO4, etc.*

**Done**

*3. Table of Materials: Please remove trademark (™) and registered (®) symbols.*

**Done**

*4. Please reference all figures in the manuscript.*

**Done**

*5. Please address specific comments marked in the attached manuscript.*

**Done (see manuscript).**