**June 10, 2024**

Dear Dr. José A. Fernández Robledo,

We submit our revised manuscript “*Prochlorococcus marinus* responses to light and oxygen” for your consideration and publication in PLOS ONE. We thank you and the reviewers for the constructive feedback, which we have addressed through extensive revisions, outlined in the response to reviewers. We believe these changes have improved the manuscript.

We confirm that neither the manuscript nor any parts of its content are currently under consideration or published in another journal. All authors have approved the manuscript and agree with its submission to PLOS ONE.

Sincerely Mireille Savoie,

on behalf of Aurora Mattison, Laurel Genge, Julie Nadeau, Sylwia Śliwińska-Wilczewska, Maximilian Berthold, Naaman M. Omar, Ondřej Prášil, Amanda M. Cockshutt & Douglas A. Campbell