



Idaho State
University

August 21, 2020

Dear Jeff Dalton,

I am very enthusiastic to support your upcoming SBIR research project. Since the beginning of our relationship, I have seen your passion to make a difference for people suffering in the current SARS-COV-2 pandemic. Your innovation and excitement are contagious, and it is easy to understand how you have assembled a team of researchers and business-minded people to expedite the implementation of your device, the Venspirator, into the community.

As Idaho State University is the designated health science university by Idaho's State Board of Education, we have the resources to carry out the necessary research to ensure that your device is safe and effective. As this is a device that is proposed to facilitate and enhance the natural respiratory process, we can measure the effort of breathing while healthy individuals are using the Venspirator. We can also assess the filtering mechanisms that clean the air before it is inhaled by the patient. There is an immediate need for a device of this nature, but it is a device with potential applications that extend beyond viral-induced lung injury. For instance, it can help with first responders, military, and athletic performance enhancement.

I am honored to be part of the team and contribute to the vision of making a difference in the immediate health crisis of COVID-19. I, too, have started a company that manufactures medical devices for inhalation therapy and it is very possible that the two devices can become synergistic, although those evaluations are outside the scope of this grant.

Best of luck with the grant application.

With sincere regards,

Jared Barrott, Ph.D.
Assistant Professor

Department of Biomedical and Pharmaceutical Sciences



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