



Wellman Center for Photomedicine
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Boston, Massachusetts 02114

Photodynamic Therapy

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Jeffrey Datto, Ph.D.
Research Associate III
The Miami Project to Cure Paralysis
Lois Pope LIFE Center Room 5-0 I
1095 NW 14th Terrace
Miami, FL 33136 USA

December 1st, 2018

Re: Application to RX-18-016 RR&D Career Development Award (CDA-2) for "Cell Therapeutic Conditioned Media, Photobiomodulation, and Rehabilitative Motor Training for Chronic SCI"

Dear Dr. Datto,

I am pleased to confirm my wholehearted support for your Veteran Affairs CDA-2 application, which will develop and rigorously test innovative interventions to reduce pain, and improve locomotor function in a chronic spinal cord injury model.

As detailed in my provided Biosketch, I am a Principal Investigator at the Wellman Center for Photomedicine at Massachusetts General Hospital, an Associate Professor of Dermatology at Harvard Medical School and a member of the affiliated faculty of the Harvard-MIT Division of Health Science and Technology with twenty-five years of research experience in photodynamic therapy and photobiomodulation. Your proposal to test photobiomodulation in a chronic pre-clinical spinal cord injury model is very intriguing and is perfectly aligned with our mission of moving the use of photobiomodulation into mainstream medicine.

I am impressed with the multidisciplinary expertise you have assembled in this proposal and the resources available to you at the Miami Veteran Affairs Medical Center and the Miami Project to Cure Paralysis. These resources will not only see this preclinical study through to completion, but also, if successful, provide you with the ability to initiate clinical trials as your mentor, Dr. Damien Pearse, has already done with Schwann Cell transplantation. I am equally impressed with the depth of your proposed training program, to which we will additionally contribute our expertise and knowledge whenever needed.

I ask that you and your mentor provide monthly power point presentations to me and your other consultants upon initiation of my involvement. This interaction will ensure that as the work and findings of your project progress, we will be able to identify any potential issues along the way and help interpret findings, both planned and unexpected, to best maximize the work and help foster new potential directions of your research. Although I am deeply interested in your project, I will need to request a consultation fee of \$2500 per year that I am involved.

I look forward to working with you in your important research, which may vastly improve the quality of life of paralyzed veterans. I wish you great success with your application.

Sincerely,

Michael R Hamblin, Ph.D.
Associate Professor