

University of Toronto

October 2, 2018

To:

Dr Ronald Myers

Senior Scientific Editor, *JoVE*

Dear Dr. Myers:

Thank you for your interest in our work and for inviting us to submit this manuscript entitled ‘A Pre-Clinical Porcine Model of Orthotopic Heart Transplantation’, for consideration by JoVE. Here, we describe a pre-clinical large-animal (porcine) model of orthotopic heart transplantation we have firmly established in our laboratory and have previously used to investigate novel cardioprotective strategies. We demonstrate its usefulness in assessing cardiac performance during the early post-transplantation period and other potential possibilities enabled by the model. This type of model is of critical importance to evaluate new therapies in a clinically relevant large-animal model for efficient and reliable translation of basic studies’ findings.

All authors have read and approved the manuscript, and this is not under consideration elsewhere.

Please do not hesitate to contact me should you require clarification about this submission. We feel this is a suitable manuscript for publication in Circulation: Heart Failure and we look forward to a favorable review.

Thank you very much for your consideration.

Yours sincerely,

**Roberto Vanin Pinto Ribeiro, MD**

Surgical Research Fellow, Cardiovascular Surgery

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