

Manuscript Title: Cell based dATP delivery as a therapy for chronic heart failure.

Authors: Ketaki N Mhatre^{1,2,4}, Julie Mathieu^{1,9}, Amy Martinson^{1,3,4}, Galina Flint^{2,5}, Leslie P. Blakley^{1,3,4}, Arash Tabesh^{1,4}, Hans Reinecke^{1,3,4}, Xiulan Yang^{1,3,4}, Xuan Guan², Eesha Murali^{1,2}, Jordan M Klaiman^{1,3,4}, Guy L Odom^{1,3,5,11}, **Mary Beth Brown**^{5,14}, Rong Tian^{7,5,10}, Stephen D Hauschka^{1,5,12}, Daniel Raftery^{7,10,13}, Farid Moussavi-Harami^{1,3,4,5,8}, Michael Regnier^{1,2,3,5,6+*}, Charles E Murry^{1,2,3,4,5,8+*}

1 Institute for Stem Cell and Regenerative Medicine, University of Washington, Seattle, WA 98109, USA.
 2 Department of Bioengineering, University of Washington, Seattle, WA 98195, USA
 3 Center for Cardiovascular Biology, University of Washington, Seattle, WA 98109, USA
 4 Department of Laboratory Medicine & Pathology, University of Washington, Seattle, WA 98195, USA
 5 Center for Translational Muscle Research, University of Washington, Seattle, WA 98109, USA
 6 Department of Physiology and Biophysics, University of Washington, Seattle, WA 98195, USA
 7 Department of Anesthesiology and Pain Medicine, University of Washington, Seattle, WA 98195, USA
 8 Division of Cardiology, University of Washington, Seattle, WA 98195, USA
 9 Department of Comparative Medicine, University of Washington, Seattle, WA 98195, USA
 10 The Mitochondria and Metabolism Center (MMC), University of Washington, Seattle, WA 98109, USA
 11 Department of Neurology, University of Washington, Seattle, WA 98195, USA.
 12 Department of Biochemistry, University of Washington, Seattle, WA 98195, USA
 13 Northwest Metabolomics Research Center, University of Washington, Seattle, WA 98109, USA.
 14 Division of Physical Therapy, Department of Rehabilitation Medicine, University of Washington, Seattle, WA 98195, USA.

⁺These authors contributed equally to this work

*Correspondence to

Charles E Murry: murry@uw.edu

Michael Regnier: mregnier@uw.edu

Withdrawal Statement: The authors have withdrawn this manuscript because the senior authors have identified inconsistencies in the data presented in this manuscript, which affect the reliability of the main conclusions. In keeping with our commitment to scientific rigor and transparency, the authors do not wish this work to be cited as reference for the project. If you have any questions, please contact the corresponding authors.