From Spaceflight to Oncology: The Protective Properties of Exercise Training

March 12
Tuesday, 12:30 pm
Weekly Colloquium
Billings Building
Rosedale Conference Room

Jessica Scott, Ph.D., is an Assistant Member in the Exercise Oncology Service at Memorial Sloan Kettering (MSK) Cancer Center and an Assistant Professor at Weill Cornell Medical College. She received her MSc and PhD in Exercise Cardiovascular Physiology at the University of British Columbia in Vancouver, Canada, and completed her Post-Doctoral Fellowship at NASA Johnson Space Center (JSC) in Houston, Texas. She joined MSK in 2017 after 5 years as a Senior Scientist in the Exercise Physiology and Countermeasures Laboratory at JSC. Her research is focused on: (1) characterization of multisystem toxicity using exercise testing, imaging, and biomarker techniques, and (2) the efficacy of exercise training to prevent and/or reverse toxicity. Dr. Scott is the recipient of NASA’s Human Research Program Peer Award, NASA’s Innovation Achievement Award for the design and implementation of a novel ultrasound technique to measure muscle mass in microgravity, and NASA’s Group Achievement Award as a member of the One Year Mission Operations Team.

Abstract


For more information, please contact
Darlene White
daw9085@med.cornell.edu

Burke Neurological Institute
Academic Affiliate of Weill Cornell Medicine
785 Mamaroneck Avenue
White Plains, NY 10605
burke.weill.cornell.edu