

Dr. Jennifer Petrosino is a Postdoctoral Researcher in the Prosser Lab at the University of Pennsylvania's School of Medicine and an NHLBI-F32 Fellow. Her work focuses on understanding the mechanisms of tRNA transport and the impact this process has on striated muscle translation and hypertrophy. Prior to that, she earned her Ph.D. in Biomedical Sciences from The Ohio State University in the Accornero Lab. During her time there, she produced four first-author publications, co-authored ten publications, and obtained two NIH predoctoral grants detailing the post-transcriptional mechanisms regulating cardiac remodeling, skeletal muscle growth, and adipocyte whitening. Jenn also received an M.S. in Kinesiology from The Ohio State University in the Ziouzenkova Lab, where she developed translational exercise tests in mice, utilizing indirect calorimetry treadmills to assess their cardiometabolic phenotypes. Her B.S. is in exercise science from the University of Miami (FL), where she worked for the University's strength and conditioning department.