



Nathan Basisty, PhD

Tenure-Track Investigator, National Institute of Aging, NIH

Biography

Nathan Basisty is currently a Tenure-Track Investigator and head of the Translational Geroproteomics Unit at the National Institute of Aging, NIH. He received his Ph.D. in Pathology and B.S. in Biochemistry from the University of Washington, where he investigated the role of protein turnover in mammalian aging and longevity using novel combinations of metabolic labeling, LC-MS/MS, and software tools. In 2015, he joined The Buck Institute for Research on Aging, where he did his postdoctoral fellowship in the labs of Dr. Birgit Schilling. There he developed specialized proteomic approaches to understand aging processes and age-related diseases, including the application of data-independent acquisition (DIA) or SWATH workflows to identify and quantify PTMs and secretomes. Dr. Basisty's awards include two "Aging Cell Best Paper Prizes", in 2014 and 2017 and the Joseph A. Pignolo, Sr. Award in Aging Research 2016, and the prestigious K99/R00 Pathway to Independence Award in 2020.