

Maggie Lam, PhD., is an associate professor in Departments of Medicine-Cardiology and Biochemistry at the University of Colorado, Anschutz Medical Campus. Her research focuses on developing mass spectrometry and proteomics technologies to investigate how posttranscriptional regulation shapes cardiac function in aging, fibrosis, and hypertrophy. In previous work, she has published methods to assess in vivo protein kinetics of mammalian hearts at the proteome scale and developed targeted workflows to quantify mitochondrial protein phosphorylation events. Ongoing projects in her lab aim to examine protein alternative isoforms and their roles in driving cardiac development and disease progression using a repertoire of omics and computational approaches.