Vondriska Short Bio

Thomas Vondriska, PhD is a Professor and Vice Chair for Research in the Department of Anesthesiology at UCLA. He trained at the University of Louisville in myocardial ischemia, molecular signaling, and proteomics. Dr. Vondriska is an editorial board member at Circulation, American Journal of Physiology and Journal of Molecular & Cellular Cardiology and has delivered ~150 scientific lectures in the past decade across 13 countries. The Vondriska lab investigates epigenomic processes in the cardiovascular system. Ongoing research examines the molecular basis for remodeling nuclear architecture towards the goals of: (1) understanding basic principles of chromatin structure-function in multicellular organisms; (2) investigating epigenomic processes that drive cardiovascular disease; and (3) developing novel therapeutic agents for heart failure that work by remodeling chromatin. The Vondriska lab has trained >50 students, fellows clinician-scientists (www.vondriskalab.org; @VondriskaLab; and X: https://thomasvondriska.substack.com).