



Bruce R. Conklin, MD

Bruce R. Conklin is an Investigator at the Gladstone Institutes and a Professor at UCSF in the departments of Medicine, Ophthalmology and Pharmacology. Conklin is also the Deputy Director of the Innovative Genomics Institute. His research focuses on biomedical applications of CRISPR technology with an emphasis on allele-specific editing of dominant negative disease genes in the retina, motor neurons and cardiac tissue. Conklin uses patient-specific iPSC-derived tissues for pre-clinical genome surgery studies. Conklin began research training with Julius Axelrod, Ph.D., (Nobel Laureate, NIH), did his residency at Johns Hopkins and a postdoctoral fellowship with Henry Bourne (UCSF). In 1995 Conklin joined the Gladstone Institutes and UCSF as faculty. Conklin is the founder of several public stem cell and genomics projects including BayGenomics, GenMAPP and WikiPathways. He pioneered the use of designer G protein coupled receptors (RASSLs) for tissue engineering. He is the Gladstone Scientific Officer for Technology & Innovation. He serves on multiple scientific advisory boards including the Allen Institute for Cell Science, Chinese University of Hong Kong, Tenaya Therapeutics and the Exploratorium. He is a member of the American Society for Clinical Investigation, and is a Fellow in the California Academy of Sciences.