



CENTER of EXCELLENCE
for ENGINEERING BIOLOGY



Liam Holt

Liam Holt studied the systems biology and evolution of kinase networks at UCSF. Subsequently, at UC Berkeley, his group computationally predicted the sequences of kinases billions of years ago and resurrected these ancestral proteins to determine how the specificity and regulation of modern kinases arose. He is now Assistant Professor, Department of Biochemistry and Molecular Pharmacology at NYU Langone Health where he continues to use evolutionary analysis and synthetic biology to understand cell signaling and learn how to reprogram cells.