Precision medicine is the use of advanced computing tools to aggregate, integrate and analyze vast amounts of data from basic science, clinical, personal, environmental and population health settings, to better understand biological processes and define disease mechanisms, and to develop and deliver more precise diagnostics, therapeutics, and prevention measures. Everyone, including patients, can contribute their own data to this dynamic network.

UC San Francisco’s vision is to lead in conceptualizing and building precision medicine, convening stakeholders, and creating a research matrix that yields insights into the determinants of health and disease.