California Initiative to Advance Precision Medicine

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California Initiative to Advance Precision Medicine

- Launched by Governor Edmund G. Brown Jr. in April 2015
- Principal Investigator: Atul Butte, MD, PhD
- $3 million from California government, 2 years
- California-wide initiative, hosted by UCSF & UC Health
Goals

• Catalyze precision medicine collaborations across California
  – UC campuses
  – Other academic institutions
  – Industry partners
  – Patient participants

• Help build the infrastructure and assemble the resources necessary to advance precision medicine in California.

Projects

• Support two demonstration projects selected through a competition
  – Childhood cancer
  – Diagnosis of acute infectious diseases

• Build a California precision medicine asset inventory
California Precision Medicine Asset Inventory

Purpose

• Inform the state government
  – extent and quality of California’s resources
  – the state's role in leading advances in precision medicine

• Coordinate the use of the enormous resources that exist in California, map development opportunities

• Stimulate cross sector collaborations

• Identify needs / gaps

• Engage patients & participants
Assets supporting a precision medicine pipeline

California Precision Medicine Asset Inventory

Data

Analysis

(Molecularly) Accurate Diagnoses / Treatments

Clinical implementation

Patient / participant engagement

Clinically Meaningful Decisions