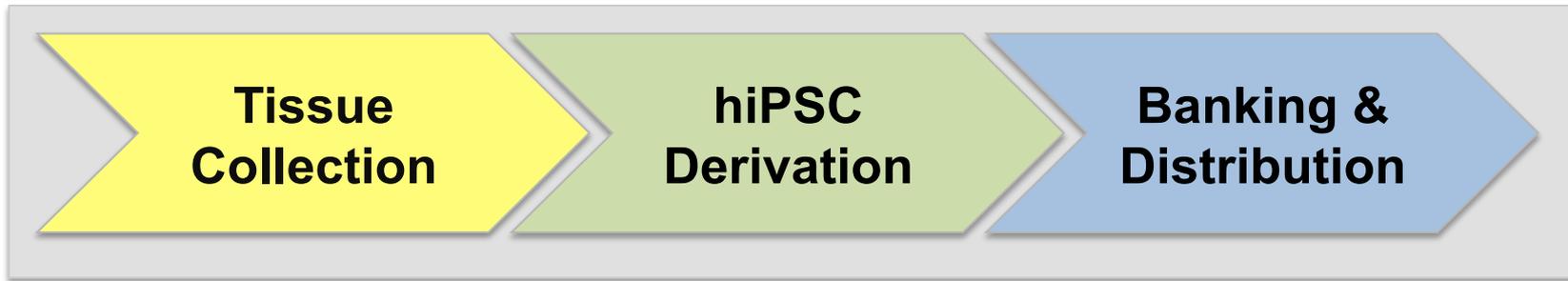


Human Induced Pluripotent Stem Cell Initiative

**Briefing for CIRM Standards
Working Group
April 6, 2012**

hiPSC Initiative

- **High quality disease-specific hiPSC resources**



- **Disease modeling and target discovery**
- **Drug discovery and development**



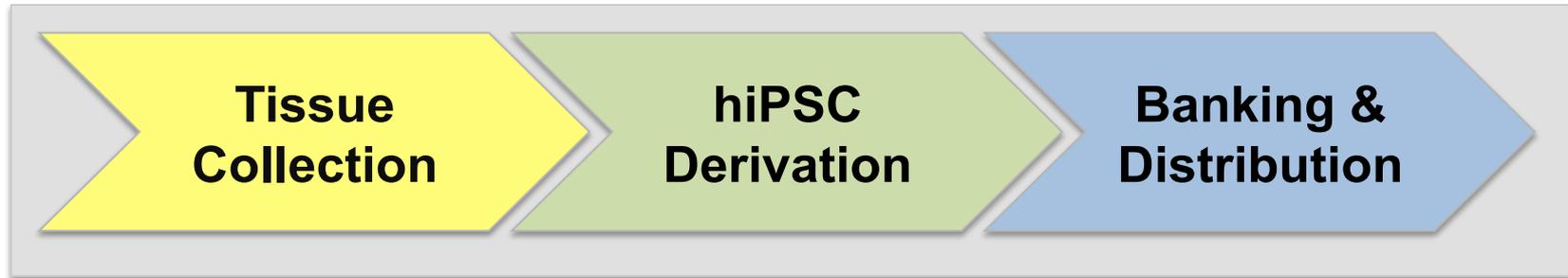
hiPSC Initiative Developed Through Expert Consultation



- **Standards Working Group workshop & report April 2011**
- **Scientific workshop & report November 2010**
- **Interactions with NIH to address scientific and policy considerations**
- **CIRM – NINDS/NIH collaboration on neurodegenerative diseases**



hiPSC Initiative



**RFA 12-02:
Disease Modeling
Awards**

\$4 million

**RFA 12-03:
hiPSC
Derivation Award**

\$16 million

**RFA 12-04:
hPSC Bank
Award**

\$10 million



hiPSC Initiative

RFA 12-02: CIRM Disease Modeling Awards

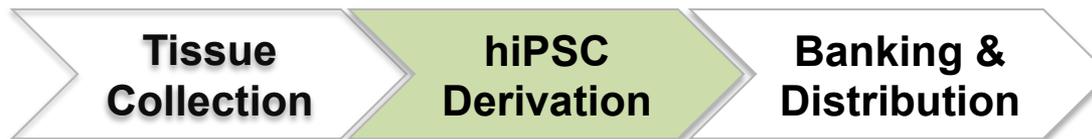
- Focus on prevalent, genetically complex diseases
- 3-10 two-year awards
- sample collection from ~ 1200 individuals



hiPSC Initiative

RFA 12-03: CIRM hiPSC Derivation Award

- **Single derivation method
using tissues collected under RFA 12-02**
- **Single three-year award**
- **hiPSC derivations from ~ 1200 individuals**



hiPSC Initiative

RFA 12-04: CIRM hPSC Bank Award

- Bank and distribute hiPSC lines from RFAs 12-02 / 12-03
- Bank additional hPSC lines derived in California
- Single three-year award



hiPSC Initiative

- **Scientific Utility / Quality of hiPSC lines**
- **Tissue donor consent**
- **Medical information**
- **Freedom to operate**
- **Material transfer / Licensing agreements**



**CIRM hiPSC
Bank**

