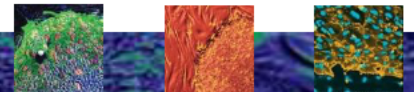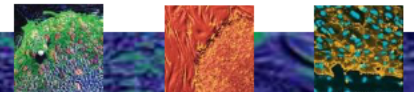# CIRM Genomics Centers Awards: Goals

- To support the establishment of one or two centers of excellence dedicated to the application of cutting-edge genomics approaches to substantive problems of human stem cell biology

- To fund center activities that will provide expertise and resources for the development and application of new and innovative genomics approaches for stem cell biology and regenerative medicine

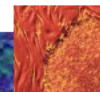# CIRM Genomics Centers Awards: Key Activities

- <u>Center-initiated Projects</u> addressing critical, transformative, data-intensive human genomics research projects and novel technology development addressing major bottlenecks in stem cell genomics research.

- <u>Collaborative Research</u> activities to provide California stem cell scientists with access to state-of-the-art genomics and bioinformatics technologies and expertise and assistance in experimental design and data analysis.

- <u>Data Coordination and Management</u> activities to provide infrastructure and expertise for storage, transfer, assembly and publication of terabyte-scale amounts of data generated by CIRM Centers and their collaborators.

CIRM Genomics Centers Awards: Application Features

- Center-initiated Projects
  - Propose at least 2 and up to 4 projects
  - Research details and budget for each project must be provided
- Collaborative Research
  - Describe policies and procedures for solicitation, evaluation and management of collaborative projects
  - Descriptions of specific collaborative projects will not be a part of the application
- Data Coordination and Management
  - Provide details of existing and planned infrastructure and data capacity
  - Discuss plans for outreach and coordination with researchers and other centers
- Organization and Operational Plan
  - Describe Center leadership, organization and administration
  - Discuss existing and planned capabilities as well as institutional commitment to the proposed center

CIRM Genomics Centers Awards: Budget Highlights

- Total Costs: up to $40 million

- Data Coordination and Management: up to $4 million

- Center-initiated Projects: up to $22 million

- Collaborative Research: at least 30% of total award request

- Center Administration and Operations: up to $2 million

- Equipment: up to 10% of total award request