

CIRM

CALIFORNIA'S STEM CELL AGENCY

CIRM is accelerating stem cell therapies to patients with unmet medical needs

Accelerating Results

CIRM funds promising projects at any stage of research, providing them with the money they need when they need it – getting projects going within 120 days of applying.

- CIRM has funded 43 projects approved for clinical trials in a wide range of disease areas including, but not limited to blood disorders, cancer, diabetes, heart disease, HIV, osteoarthritis, spinal cord injury and stroke.
- To date, dozens of participants in clinical trials made possible by CIRM funding have been cured of life-threatening diseases.
- CIRM funding has already resulted in over 3,000 articles in scientific journals, advancing knowledge about all aspects of stem cell research.
- Research to date has proved that every kind of stem cell – adult, embryonic, reprogrammed (iPS) and cancer – holds potential for yielding results in treating dozens of life-threatening or life-impairing conditions.

With Partnerships

CIRM works as part of the project team, providing guidance and support from staff and outside experts, to increase the chances the project will be successful.

- CIRM devotes significant internal resources and leverages its vast network of world-class experts to advance the best research projects in the field.
- The partnership approach accelerates projects and increases the likelihood of success.
- The stem cell agency has created an environment across California that strongly supports both public and private sector research into life-saving and life-improving therapies.
- CIRM's \$271 million in major facilities grants helped attract an additional \$543 million in funds from private donors and institutions. CIRM has turned California into a global leader in stem cell research. We have created partnerships with governments and organizations in 17 countries, one U.S. state, three international states and four foundations leveraging the best scientific minds in the world.

Hand-in-Hand with Patients

CIRM involves patient representatives at every stage of the process and as participants in the Clinical Advisory Panels that are part of the team once it has been funded.

- Each project is partnered with a project-specific advisory panel that includes at least one patient advisor with first hand experience of the specific condition.
- The patient advisors provide input, recommendations and the appropriate sense of urgency.
- Ten members of CIRM's 29-member Board are patient advocates who participate in the review of grant applications and vote on final funding decisions.
- CIRM provides many learning opportunities for patients through its web site and social media and will provide speakers for public events upon request, email info@cirm.ca.gov.

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Background

CIRM, California's stem cell institute, was created by Proposition 71, a ballot measure passed by 59 percent of California voters in November 2004. The Institute is authorized to award \$3 billion in state bond funds to advance stem cell research in California.

Founded: 2004

Employees: 46 employees

Leadership



Maria T. Millan
President & CEO



Jonathan Thomas
Chair, Governing Board



Art Torres
Vice-Chair, Governing Board

Our Product

Grants Awarded

As of November 2017, CIRM had awarded 921 research and facility grants to more than 112 California institutions, totaling over \$2.4 billion, with almost \$2 billion already dispersed to those projects.

Active programs

As of November 2017, CIRM had more than 238 active awards working with \$1.02 billion in funding.

Clinical trials

CIRM has funded 43 clinical trials. Early-stage CIRM funding has resulted in another 11 clinical trials.

CIRM's economic impact

CIRM's grants are estimated to generate 2.3 dollars in economic activity in the state for every dollar from CIRM.

CIRM's first \$1.6 billion in grants has generated \$286 million in new tax revenue for California

CIRM has been notified of more than 438 inventions from funded projects.

How We Work

Solicit high quality projects

CIRM invites teams with high quality projects at any stage of the research cycle, from early discovery to clinical, to submit applications when their projects are ready to be taken to the next level.

Independent outside reviewers

A team of independent scientific and business experts, from outside California, reviews the applications and determines which are the most promising. Our governing Board then votes, based on the review group's recommendations, which ones to fund.

Focus on unmet medical needs

CIRM seeks out projects that will benefit patients with significant unmet medical needs.



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