

CIRM TRAINING GRANT PROGRAM IN STEM CELL RESEARCH

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Purpose

- To increase the number of trained stem cell researchers in California
- To encourage the development of classroom and laboratory courses in stem cell biology
- To increase researchers' awareness of the ethical, legal and social implications of stem cell research
- To facilitate, where appropriate, integrated training in basic and clinical aspects of stem cell research
- To encourage a diverse work force



Key Features of the CIRM Training Grant Program

- Training for pre-doctoral students, post-doctoral and clinical fellows
- Training offered by non-profit academic and research institutions
- Recognize different capabilities at different institutions
- Single integrated program at each institution
- Stem cell biology broadly interpreted
- Foster an interest in disease and in fundamental biology



Training Grant Support

- Support for trainees
 - Stipends for trainees at appropriate level (pre-doctoral, post-doctoral, clinical fellow)
 - Research funds for trainees
 - Tuition (partial), fees, health insurance
- Administrative support for classroom courses and for program



Three Funding Levels for Institutions

I. Comprehensive Training Programs

Up to \$1.25 M per year for three years

(pre, post and clinical)

16 trainees

II. Intermediate Training Program

Up to \$0.8 M per year for three years

(two of three levels: pre, post, clinical)

10 trainees,

III. Specialized Training Program

Up to \$0.5 M per year for three years

(one or two of the three levels)

6 trainees



Stipend and associated funding policies

- Pre-doctoral stipend: \$25,000/year (NIH) or more
- Post-doctoral stipends: \$36,000- \$51,000/year, depending on level (NIH)
- Clinical fellows stipend: \$65,000/year
- Health insurance, fees, tuition subsidy for pre-doctoral fellows
- Annual support for research supplies, travel, books: \$5,000 for pre-doctoral trainees; \$10,000 for post-doctoral and clinical trainees



Administrative and Course Support

- Administrative support for classroom courses and training linked to number of trainees
- Laboratory course support, where appropriate
- Indirect costs to the institution: 10%



CIRM Training Grant Program Summary

	Annual Cost/ grant	# of grants	Trainees/ Grant	Total # of trainees	Total cost
1	<\$1.25 M	up to 6	16	96	<\$7.5 M
2	<\$0.8 M	up to 6	10	60	<\$4.8 M
3	<\$0.5 M	up to 6	6	36	<\$3.0 M

Total

18
institutions

192
trainees

\$15.3 M
annual cost

ACTION

- A resolution authorizing the CIRM to issue an RFA for a CIRM Training Grant Program in Stem Cell Research for a total of up to \$15.3 M per year for three years in the first funding cycle.
- To charge the CIRM staff with shaping the RFA within the guidelines presented, or agreed upon, with adjustments in the specific financial parameters as necessary to achieve the goals set by the ICOC.

