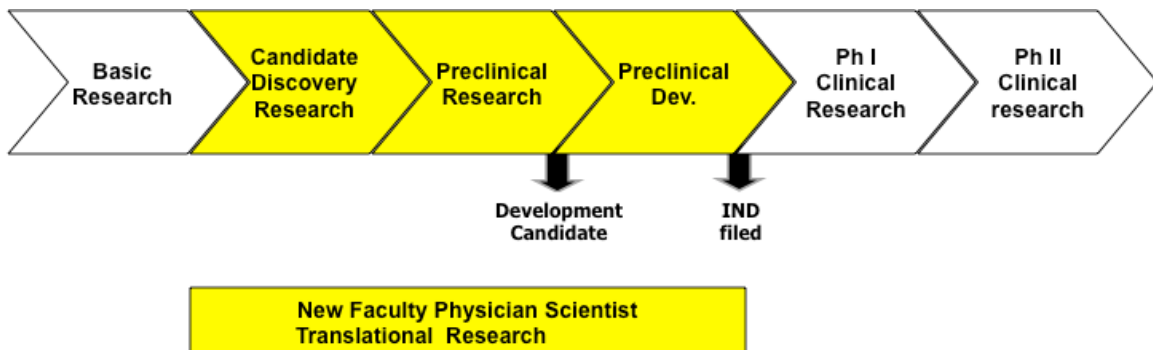


CONCEPT PROPOSAL NEW FACULTY PHYSICIAN SCIENTIST TRANSLATIONAL RESEARCH AWARD

Introduction: The use of stem cells in regenerative medicine is a new area of research that requires a cadre of well-trained physician scientists to advance innovative translational stem cell science toward clinical development. Investigators in the early stages of their careers find it very challenging in the current restrictive funding environment to undertake innovative translational research due to tremendous pressures to obtain results, publish scientific papers, and acquire grants quickly. In addition, physician-scientists, who are critical to the development of translational projects, face these challenges as well as significant constraints on their time available for research due to clinical service.

Propose: A New Faculty Award program for physician scientists for the conduct of translational research.

Project Eligibility: The project has a focus on studies utilizing human stem/progenitor cells. The use of human stem/progenitor cells must be necessary or significantly advantageous to the proposed research compared to other approaches. Proposals that convincingly target endogenous stem cells are also eligible. The stage of translational research encompassed by this program is highlighted in the figure below.



As CIRM now has a significant translational portfolio, a project proposing a substantially comparable approach/intervention that is already represented in CIRM's translational portfolio must be compelling.

Institutional Eligibility:

- All CIRM supported research must be conducted in the state of California
- Open to all academic and non-profit research institutions in the state of California
 - Applicant institutions with an accredited medical school may submit up to four applications in support of four new physician-scientist faculty members
 - Applicant institutions without a medical school may submit up to two applications in support of new physician-scientist faculty members

Principal Investigator (PI) eligibility:

- A Physician Scientist with a M.D. or a M.D./Ph.D. degree who
 - is authorized by the applicant institution to conduct the proposed research in California
 - holds a full-time, faculty-level position and is employed by an academic or not-for-profit research institution in California at the time of approval for funding
 - is within 6 years of holding his/her first independent faculty position at the application deadline

Award Information:

- Term: up to 5 years
- Total direct project costs of up to \$2 million allocated over the term of the project to best achieve the proposed translational objective
- Up to 20 awards
- Estimated program costs ~\$80 million

Provisional Time Table:

- Post RFA: Spring 2012
- GWG Review: late Fall 2012