



Neuro **Discovery**

Research using **Multidisciplinary, Innovative**
approaches in **Neuro Diseases**

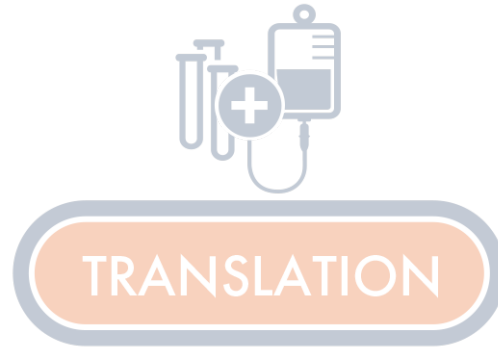
(ReMIND)

Concept Presentation

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CIRM's Scientific Programs and Education Team



ReMIND - Discovery phase of CIRM's Neuro Strategy



ReMIND



OUR MISSION

Accelerating world class science to deliver transformative regenerative medicine treatments in an equitable manner to a diverse California and world





Accelerate the **discovery of mechanisms** underlying **neuropsychiatric** disorders leading to **identification** and **validation** of novel **targets** and **biomarkers** with the goal to provide new avenues and rigorous foundations for future translational and clinical investigations.

- **Accelerate** foundational scientific understanding
- **Catalyze** multi-disciplinary innovation
- **Drive** open and collaborative science

ReMIND = Research using Multidisciplinary, Innovative approaches in Neuro Diseases



	ReMIND-L	ReMIND-X
Types of study	Large collaborative projects	Exploratory projects
Preliminary Data	Required	Not required
Award structure	4 years	2 years
Direct costs per award	Base component	\$0.5M/ year \$1.0M total
	Up to \$2.0M/ year \$8.0M total	
Expected number of awards	6	12

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Preliminary Data	Required		Not required
Award structure	4 years		2 years
Direct costs per award	Base component	+ <i>Optional</i> Matching funds*	\$0.5M/ year \$1.0M total
	Up to \$2.0M/ year \$8.0M total	Up to \$0.5M/year \$2.0M total	
	Total from CIRM* Up to \$2.5M/year \$10M total		
Expected number of awards	6		12
Total award budget (w F&A costs)	\$88.2M		\$22.5M

* *Note:* Matching funds contingent on teams acquiring \geq \$0.5M/year funding from CA or non-CA sources



Large team collaborative projects



Exploratory, high-risk, high-impact studies



	ReMIND-L	ReMIND-X
Types of study	Large Collaborative projects	Exploratory, high-risk projects
CA eligibility	California non-profit or for-profit research institutions	
Principal Investigator	Will manage the project and serve as the primary administrative contact for CIRM and any award partners	
Min % effort	Principal Investigator – 15% Co-Investigators (4 or more) – 10%	Principal Investigator – 5% Co-Investigators (1 or more) – 5%
Team size	5 (minimum) 1 x Principal and Co-Investigators	2 (minimum) 1 x Principal and Co-Investigators
Team member	<ul style="list-style-type: none"> At least one member of the collaboration should have relevant clinical expertise At least one member should have relevant computational biology expertise 	<ul style="list-style-type: none"> Strongly encourage applications from investigators who can bring new technologies, resources, or frameworks to the study of neuropsychiatric disorders and in-vitro modeling of the human CNS



To be eligible, ReMIND projects **must**:

- Address a key knowledge gap or research bottleneck in our understanding of neuropsychiatric diseases
- Employ stem cells or genetic research* as part of the central approach and justify elements that do not directly involve stem cells/genetic research*
- Validate findings derived from non-human systems with a relevant human tissue/cell equivalent

* Research that alters genomic sequences of cells (edit, remove or add DNA sequences); or introduces or directly manipulates nucleic acids (e.g., coding and non-coding RNAs, antisense oligonucleotides) in cells.

Data Sharing

Required Data Sharing and Management Plan

- Describe approach to sharing and management of data generated consistent with FAIR principles

Required coordination with CIRM's data initiatives

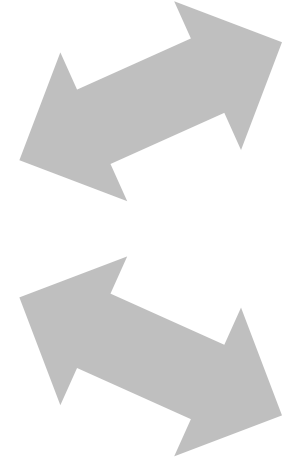
- Participation in CIRM data initiatives' activities and alignment of data processes with its recommendations.

Diversity, Equity, Inclusion

Applications must include plans to address DEI



Discovery Advisory Committees
Data Coordinating & Management Center



CIRM funded infrastructure, education and scientific programs



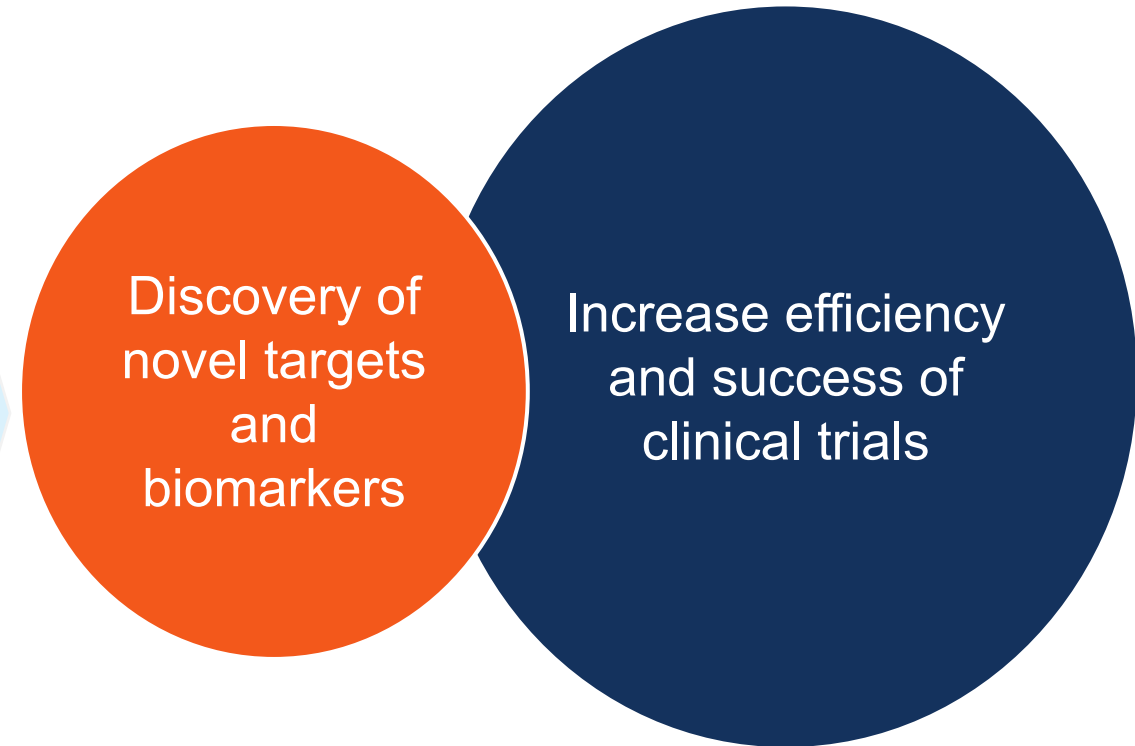
External consortia, resource networks and data platforms



CIRM ReMIND Consortium



Open Science Community





Program Budget

	ReMIND-L	ReMIND-X
Total budget (w/indirect costs)	\$88.2M	\$22.5M



CIRM requests the Board approve the proposed ReMIND Program Concept



ReMIND

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approaches in **N**euro **D**iseases