

# DISC4 (ReMIND-L Awards)

Research using **Multidisciplinary, Innovative**  
approaches in **Neuro Diseases (ReMIND)** – **L**arge  
Collaborative projects

**Informational Webinar**

Jan 8<sup>th</sup>, 2024

## OUR MISSION

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





**Rosa Canet-Avilés, PhD**  
Vice President, Scientific  
Programs & Education



**Chan Lek Tan, PhD**  
Sr. Science Officer, Scientific  
Programs & Education



**Hayley Lam, PhD**  
Associate Director, Portfolio  
Development & Review



**Apryl Rhinehart**  
Grants Management Officer,  
Grants Management

# Scientific Programs and Education Team



**Rosa Canet-Avilés, PhD**  
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Associate Director



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CIRM Fellow



**Chan Lek Tan, PhD**  
Sr. Science Officer



**Janie Byrum, PhD**  
Science Officer



**Daisy Xin, PhD**  
Science Officer



**Sara Taylor, PhD**  
Project Manager

# DISCOVERY Pillar Programs



**DISCOVERY**



**TRANSLATION**



**CLINICAL**

Foundational Knowledge



Single Product Candidate



Pre-IND Meeting or Equivalent



Approved Therapy



**DISC0**  
FOUNDATION  
AWARDS

**DISC2**  
QUEST  
AWARDS

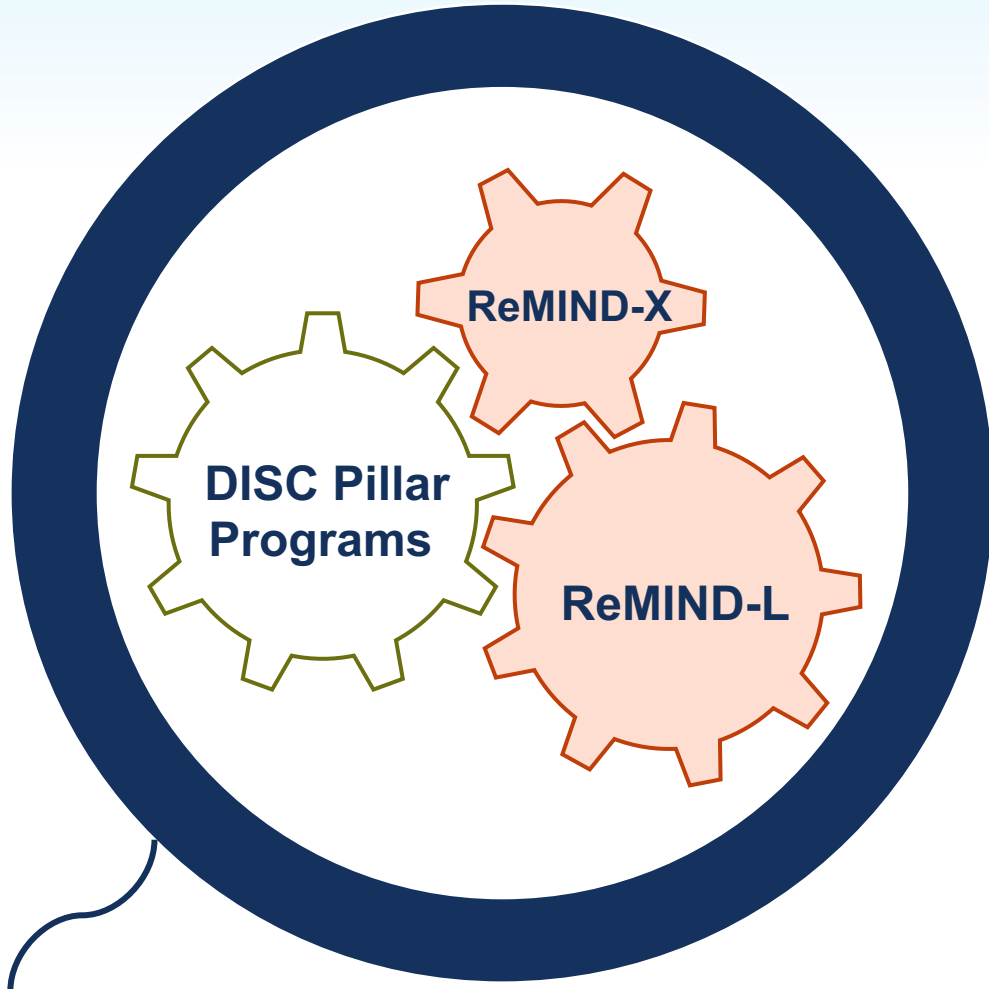
TRAN1/2/3/4  
AWARDS

CLIN1/2  
AWARDS

**ReMIND**  
AWARDS

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

- ✓ **Accelerate** foundational scientific understanding of disease mechanisms, and development of transformative tools and technologies
- ✓ **Catalyze** multi-disciplinary innovation, attract new talent and seed new partnerships
- ✓ **Drive** open and collaborative science through data, resource & knowledge sharing



**CIRM Infrastructure & Education programs**



**External consortia, Resource networks & Data platforms**

**Data Coordinating and Management Center  
Discovery Advisory Panels  
ReMIND Program Conferences**

## **Part 1: Presentation**

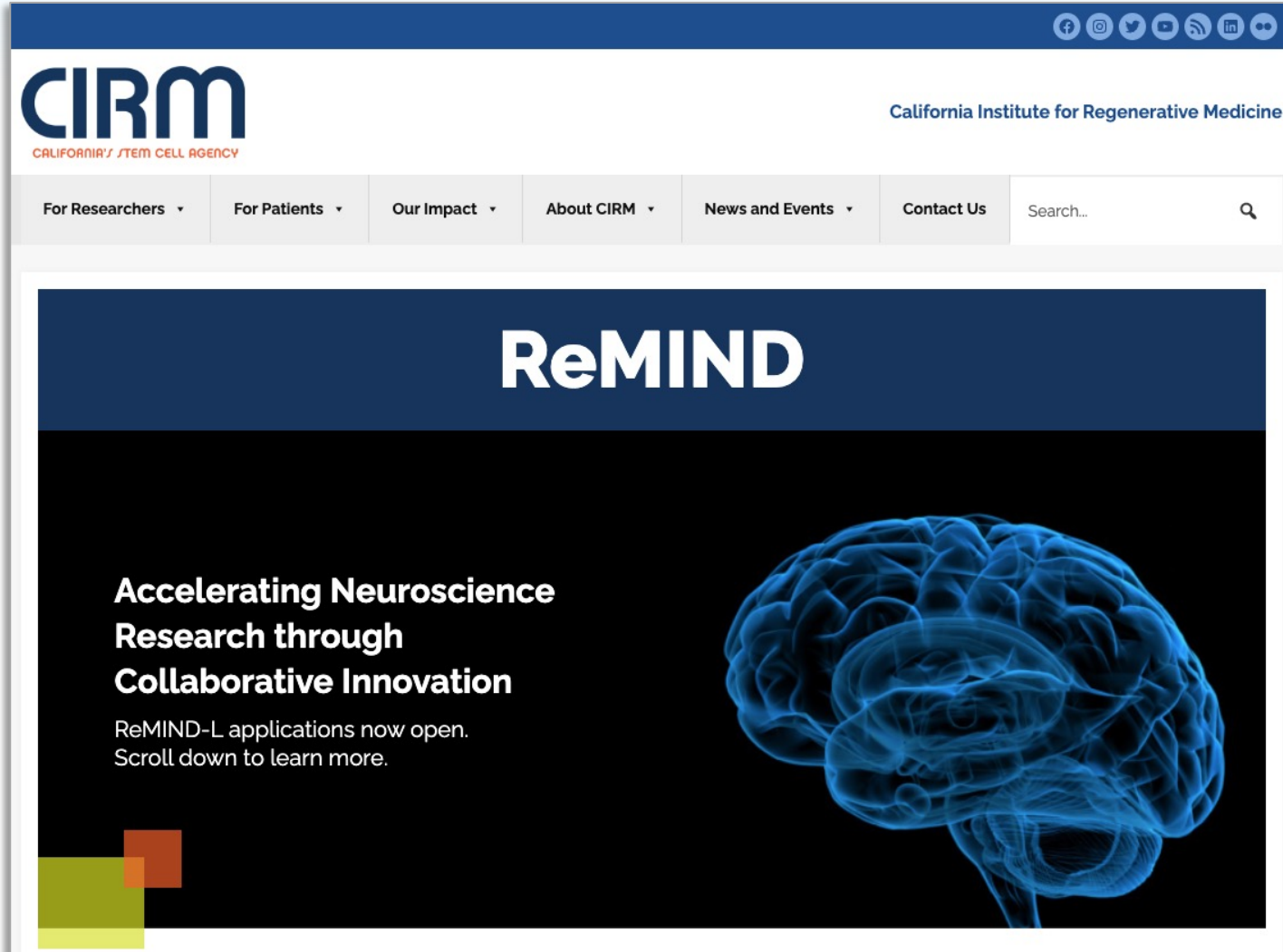
**4:00-4:40 PM**

- Program Overview
- Application Components
- Review Criteria
- Resources and Contacts

## **Part 2: Question & Answer**

**4:40-5:00 PM**





Visit [cirm.ca.gov/remind/](https://cirm.ca.gov/remind/) for an overview of the ReMIND program, webinar, FAQs, and links to resources

# ReMIND-L | Overview

	<b>ReMIND-L</b>	
<b>Type of Study</b>	Large collaborative multi-disciplinary projects	
<b>Area of Focus</b>	<b>Neuropsychiatric disorders</b>	
<b>Preliminary Data</b>	Required	
<b>Award Duration</b>	4 years	
<b>Direct Costs Per Award</b>	Base component	+ <i>Optional Additional funding</i> *
	Up to \$2.0M/year \$8.0M total	Up to \$0.5M/year \$2.0M total
	<b>Total from CIRM*</b> <b>Up to \$2.5M/year (\$10M total)</b>	
<b>Expected Awards</b>	<b>6</b>	

\* *Note:* Additional funding contingent on teams acquiring **Matching Funds** from CA or non-CA sources

**Proposed research should lead to one or more of the following outcomes:**

- Discover novel mechanistic insights or further our current understanding of the biology of neuropsychiatric disorders
- Address major bottlenecks in the study of neuropsychiatric disorders
- Expand research efforts to be inclusive of diverse human populations
- Identification and validation of new therapeutic strategies, targets, and/or biomarker(s)

**ReMIND-L Awards will support the study of neuropsychiatric disorders including**

Schizophrenia, bipolar disorder, major depressive disorder, post-traumatic stress disorder, attention-deficit/hyperactivity disorder, obsessive-compulsive disorder, anxiety disorders, mood disorders, idiopathic developmental intellectual disability, autism spectrum disorders, and substance use disorders.

*Applications that seek to examine neuropsychiatric disease mechanisms in the context of other CNS disorders may be eligible as long as primary focus is on elucidating neuropsychiatric disease mechanisms.*

**We strongly encourage applicants should contact CIRM staff to discuss eligibility of proposed research.**

	<b>ReMIND-L</b>
<b>Applicant Organization</b>	<b>California-based non-profit or for-profit</b> research institutions
<b>Principal Investigator</b>	<b>Single PI</b> to serve as the primary administrative contact for CIRM and effectively manage overall team
<b>Core Team</b>	<b>Minimum 5 investigators</b> 1 Principal and 4 or more co-Investigators
<b>Minimum % effort</b>	Principal Investigator – 15% Co-Investigators (4 or more) – 10% each
<b>Other personnel requirements</b>	<ul style="list-style-type: none"> <li>• At least one member with relevant clinical expertise</li> <li>• At least one member with relevant computational biology expertise</li> <li>• Data project manager &gt;15% effort</li> </ul> <p>* These can be Key Personnel and do not need to be Core Team members.</p>

**Address a key knowledge gap or research bottleneck in our understanding of neuropsychiatric diseases**

**Include studies that employ stem cells or genetic\* research as part of the central approach or hypothesis**

**Justify any proposed use of non-human models**

For project components that do NOT directly involve stem cells/genetic research:

- Provide justification
- Describe how they complement or promote the utility/validity of stem cell and/or genetic approaches in neuropsychiatric research

For project components that involve non-human models:

- Provide justification
- Describe research to validate any discoveries made in nonhuman model systems with comparable studies using relevant tissues or models based on human cells.

\* 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

Additional funds up to \$0.5M/year can be requested

**IF** equal or larger amount of matching funds is provided

## Matching Funds

<p><b>Requirements</b></p>	<ul style="list-style-type: none"> <li>• Must be contributed evenly across the award period</li> <li>• Must be used for specific project related expenses</li> <li>• Evidence of commitment of funds must be provided at pre-funding admin review</li> </ul>
<p><b>Source of Funds</b></p>	<ul style="list-style-type: none"> <li>• Any CA or non-CA non-CIRM source (with funder approval)</li> <li>• May include in-kind contributions (value must be justified)</li> </ul>
<p><b>Eligible Expenses</b></p>	<ul style="list-style-type: none"> <li>• Salary for full-time personnel</li> <li>• Research supplies and resources uniquely dedicated to this project</li> <li>• Use of facilities with existing recharge rates</li> <li>• Third-party subcontracts</li> </ul>
<p><b>Application Sections</b></p>	<ul style="list-style-type: none"> <li>• Online Matching Funds page</li> <li>• Research Proposal and Budget Justification upload documents</li> <li>• May upload supporting documents at application stage if available</li> </ul>



**Illustrative examples of activities CIRM will fund:**

- ✓ Research designed to advance our fundamental understanding of neuropsychiatric disease mechanisms
- ✓ Research that advances the use of stem cells as tools for discovery
- ✓ Genetic research\* relevant to neuropsychiatric disorders
- ✓ Studies identifying or validating novel targets or therapeutic strategies
- ✓ Studies identifying or validating novel biomarkers
- ✓ Understanding neuropsychiatric disease in the context of diverse human ancestral backgrounds
- ✓ Derivation of new iPSC lines to address specific project needs
- ✓ Advancements in supporting technologies e.g imaging and single-cell technologies
- ✓ Reverse translation studies related to approved/investigational therapies
- ✓ Studies that record or analyze behaviors and other systems-level outcomes in human subjects
- ✓ Research applying existing or developing novel computational or analytical approaches

- ✓ Activities intended to promote and uphold principles of Diversity, Equity and Inclusion (DEI) in the conduct of the study
- ✓ Activities associated with sharing data and knowledge from the study
- ✓ Partnering activities with patient-centered organizations
- ✓ Activities to support outreach or communication of research plans or outcomes with the wider public
- ✓ Travel and accommodation expenditures associated with attendance of ReMIND program conferences

- ✗ Therapeutic or other commercial development activities
- ✗ Activities already budgeted or paid for under a prior, existing or future CIRM award

# ReMIND-L | Application Components

Visit <https://grants.cirm.ca.gov/> and choose intended application:

## Open Programs

RFAs and Programs Open For Applications	Actions
CLIN 1 CIRM Late Stage Preclinical Projects: CLIN1 Grant Application	<a href="#">Start a CLIN1 Grant Application</a>
CLIN 2 CIRM Clinical Trial Stage Projects: CLIN2 Grant Application	<a href="#">Start a CLIN2 Grant Application</a>
DISC 4 ReMIND-L - A discovery stage funding opportunity under the ReMIND program: DISC4 Grant Application	<a href="#">Start a DISC4 Grant Application</a>
EDUC 1 CIRM Conference Awards II: EDUC1 Grant Application	<a href="#">Start a EDUC1 Grant Application</a>
EDUC 1.10: CIRM Conference - The 2023 Alpha Stem Cell Clinic Annual Symposium Grant Application	<a href="#">Start a CIRM Conference - The 2023 Alpha Stem Cell Clinic Annual Symposium Grant Application</a>

*The PI/PD of all applications/pre-applications/LOIs created here will be the person whose name is listed at the top of this page.  
You cannot use these links to create applications for any other PI/PD.*

<a href="#">Instructions</a>	
<a href="#">Print View</a>	
<b>Eligibility</b>	
<a href="#">Eligibility</a>	Incomplete
<b>Personnel</b>	
<a href="#">PI and AOO</a>	Incomplete
<a href="#">Key Personnel</a>	Incomp (1)
<a href="#">Partners</a>	0 Entries
<a href="#">Review Exclusions</a>	0 Entries
<b>Project</b>	
<a href="#">Title &amp; Duration</a>	Incomplete
<a href="#">Information for Review</a>	Incomplete
<a href="#">Keywords</a>	Incomplete
<a href="#">Public Information</a>	Incomplete
<b>Funding</b>	
<a href="#">Consultants / Subcontracts / Service Contracts</a>	Empty
<a href="#">Matching Funds</a>	Empty
<a href="#">CIRM Funds Calculator</a>	Incomplete
<b>Certifications</b>	
<a href="#">Institutional Approvals and Oversight</a>	Incomplete
<b>Uploads</b>	
<a href="#">Document Uploads</a>	Incomplete

## Online section

- Eligibility
- Personnel
- Project information
- Funding/Budget
- Certifications

## Uploads section

**Required** – *must use templates provided*

- Proposal
- Biographical Sketches for Key Personnel
- Budget Justification
- Budget Worksheet
- Milestones and Timeline
- PI and Co-Investigator Other Support
- Financial Solvency Questionnaire & Worksheet (*for-profit applicants only*)

### Optional

- *Letters of Support*
- *Quotes and Other Budget Data*
- *IP, Licenses, and MTA*

Required sections will change from “Incomplete” to “Complete”

<a href="#">Instructions</a>	
<a href="#">Print View</a>	
<b>Eligibility</b>	
<a href="#">Eligibility</a>	Incomplete
<b>Personnel</b>	
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<a href="#">Title &amp; Duration</a>	Incomplete
<a href="#">Information for Review</a>	Incomplete
<a href="#">Keywords</a>	Incomplete
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<b>Funding</b>	
<a href="#">Consultants / Subcontracts / Service Contracts</a>	Empty
<a href="#">Matching Funds</a>	Empty
<a href="#">CIRM Funds Calculator</a>	Incomplete
<b>Certifications</b>	
<a href="#">Institutional Approvals and Oversight</a>	Incomplete
<b>Uploads</b>	
<a href="#">Document Uploads</a>	Incomplete

Name                      Status                      Templates                      Uploaded Files                      Upload Button

Document Name	Status	Template	Uploaded Files	Acceptable File Types	Upload
Proposal Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>	none	pdf	<input type="button" value="Choose File"/>
Biographical Sketches for Key Personnel Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>	none	pdf	<input type="button" value="Choose File"/>
Budget Justification Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>	none	pdf	<input type="button" value="Choose File"/>
Budget Worksheet Please refer to the template for instructions.	Incomplete	<a href="#">MSExcel</a>	none	xls, xlsx	<input type="button" value="Choose File"/>
Milestones and Timeline Please refer to the template for instructions.	Incomplete	<a href="#">MSExcel</a>	none	xls, xlsx	<input type="button" value="Choose File"/>
PI and Co-Investigator Other Support Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>	none	pdf	<input type="button" value="Choose File"/>
Letters of Support If Applicable In a single PDF, provide any signed letters documenting the following: 1. Institutional support 2. Collaborations	Complete	none	none	pdf	<input type="button" value="Choose File"/>
Quotes and Other Budget Data If Applicable In a single PDF, provide any signed letters documenting the following: 1. Copies of important contract work proposed in the budget. This information will be used in the evaluation of the budget. 2. Commitment of matching funds (if applicable and if available at the time of application)	Complete	none	none	pdf	<input type="button" value="Choose File"/>
IP, Licenses and Material Transfer Agreements If Applicable Please provide a description of any relevant intellectual property or licensing/material transfer agreements.	Complete	none	none	pdf	<input type="button" value="Choose File"/>

Required  
(use provided templates)

Optional



Eligibility



Key Personnel



Proposal



Milestones & Timeline



Budget





**This section must be completed first - other sections will be visible only when completed**

Grant App DISC4-16286 - Eligibility

DISC4-16286

[Instructions](#)  
[Print View](#)

**Eligibility** Incomplete

[Personnel](#)  
[PI and AOO](#) Incomplete  
[Key Personnel](#) Incomp (1)  
[Partners](#) 0 Entries  
[Review Exclusions](#) 0 Entries

**Project**  
[Title & Duration](#) Incomplete  
[Information for Review](#) Incomplete  
[Keywords](#) Incomplete  
[Public Information](#) Incomplete

**Funding**  
[Consultants / Subcontracts / Service Contracts](#) Empty  
[Matching Funds](#) Empty  
[CIRM Funds Calculator](#) Incomplete

**Certifications**  
[Institutional Approvals and Oversight](#) Incomplete

**Uploads**  
[Document Uploads](#) Incomplete

**Eligibility**

*Project Eligibility*  
To be eligible, the proposed project must satisfy the following requirements:

**1a. The applicant must define key knowledge gap(s) or research bottleneck(s) in the study of neuropsychiatric disorders AND propose research studies to address them.**

I certify that the proposed research defines and addresses key knowledge gap(s) or research bottleneck(s) in the study of neuropsychiatric disorders and will (select at least one)

- Uncover novel mechanistic insights into the pathobiology of neuropsychiatric disorders
- Further current understanding of disease mechanisms
- Address major bottlenecks in the study of neuropsychiatric disorders
- Extend understanding of neuropsychiatric disease mechanisms to diverse human populations
- Identify or validate novel therapeutic hypotheses, targets, or biomarkers for the treatment of neuropsychiatric disorders

**1b. The applicant must include studies that employ stem or progenitor<sup>1</sup> cells (collectively, "stem cells") or genetic research<sup>2</sup> as part of the central approach or hypothesis to be tested by the multi-disciplinary team. Applicants should provide justification for project components that do not directly involve stem cells/genetic research and describe how they complement or promote the utility and/or validity of stem cell and/or genetic research in the study of neuropsychiatric disorders.**

I certify that the proposed research includes studies that employ stem cells or genetic research as part of the central approach or hypothesis to be tested by the multi-disciplinary team.

Briefly list any components or subprojects that do not directly involve stem cells/genetic research and describe how they complement or promote the utility and/or validity of stem cell and/or genetic research in the study of neuropsychiatric disorders. If all project components or subprojects will directly involve stem cells or genetic research, enter NA. Response is limited to 1500 characters.

Check certifications

Key explanatory sections:

1. List any **non-stem cell/genetic research components**
2. List any **non-human research components**

Please list briefly and justify their inclusion (bullet points can be used)  
1500 character limit



- [Instructions](#)
- [Print View](#)
- Eligibility**
- [Eligibility](#) Incomplete
- Personnel**
- [PI and AOO](#) Incomplete
- [Key Personnel](#) Incomp (1)
- [Partners](#) 0 Entries
- [Review Exclusions](#) 0 Entries
- Project**
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- [Public Information](#) Incomplete
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- [Matching Funds](#) Empty
- [CIRM Funds Calculator](#) Incomplete
- Certifications**
- [Institutional Approvals and Oversight](#) Incomplete
- Uploads**
- [Document Uploads](#) Incomplete

Key Personnel are defined as (1) the principal investigator and co-investigators; or (2) any other person, including an independent consultant or an employee of a Subcontractor or Partner, who is expected to contribute to the scientific development or execution of the project in a substantive, measurable way and who is expected to: (a) receive or has been promised income, or anything else of value, of \$10,000 or more per year for their contribution to the project or (b) contribute one percent (1%) or more effort to the proposed project. "Key Personnel" does not include a person who is expected to be involved in the proposed project but who does not satisfy conditions (1) or (2).

Individuals who do not meet the definition of key personnel may be supported with CIRM funds, but should not be identified by name in the application. Such unnamed personnel may be referenced indirectly by their role on the project (e.g., technician). The budget includes a line item for requesting support for unnamed personnel.

List here all key personnel as defined above. For key personnel who are co-investigators or provide the required clinical or computational expertise, list these roles in the Role Description field.

Key Personnel					
Name	Email	Institution	Role on Project	Completion Status	Actions
Lasname, Firstname	PI@exampleinstitution.edu	Institution	PI	Incomplete	<a href="#">Edit</a>

[Add Key Personnel](#)

---

Person is to be determined.  If the person to fill this position is yet to be determined, check this box and complete just the "Project Participation" section.

If there are **highlighted** fields, please complete or correct them before submitting this form.

**Contact Information**

Contact Email:

Name: Prefix  First  Middle  Last  Suffix

Degree:

Institution:

Position: Title  Dept:

Address: Address 1   
Address 2   
Address 3   
City   
State / Province: CA   
Country: United States   
Postal Code

Telephone Number:  extension

Fax Number:  extension

**Project Participation**

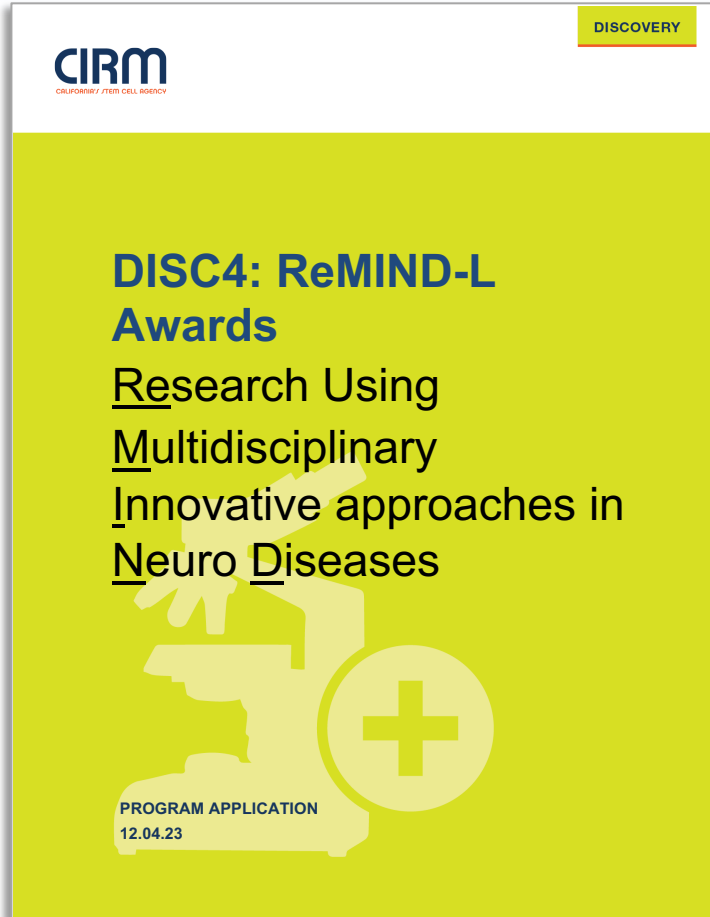
Role On Project: Key Person

Percent Effort on this Project During Project Period:  %

Briefly describe the role of this key person on the project (450 characters)

- Complete PI info
- Add all co-Is followed by other key personnel
- At least 5 entries must be entered to be complete (minimum core team size)
- Include members that fulfill the required clinical and computational expertise

- Use description field to indicate role, including if PI/co-I fulfills one or more of required expertise (e.g., co-I, Clinical Expertise)



- ✓ **Use the required Templates**
- ✓ **Adhere** to the prescribed page limits
- ✓ **Maintain** formatting (preset fonts, margins)
- ✓ **Follow instructions** for each section
- ✓ **Convert to Word documents to PDF** when finished to upload
- ✗ **Do not alter** margins, font size, etc.
- ✗ **Do not exceed** page limits
- ✗ **Do not** leave sections **incomplete**
- ✗ **Do not** use a **“DIY”** template



**CIRM** DISCOVERY  
CALIFORNIA'S STEM CELL AGENCY

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**Project Organization (up to 2 pages; excess pages will be discarded)**

*<Delete these instructions when you are done.*

*Provide an overview of the organizational structure of the project including subprojects, significant subcontracts, collaborations, partnerships and assigned leads responsible for oversight. Diagrams may be used if helpful.*

*Provide a description of how the collaborative effort will be managed, including the establishment of clear communication channels, delineation of roles and responsibilities among team members, regular meeting schedules, and mechanisms for decision making and conflict resolution. This section should describe how the project team's comprehensive plan for project management will ensure the efficient coordination of resources, foster effective collaboration, and ultimately contribute to the overall success of the collaborative effort.>*

DISC4-XXXXX CIRM ReMIND Awards 9

Provide an **overview of the organizational structure** of the project, including:

- Any subprojects, subcontracts, collaborations
- Assign leads responsible for oversight
- Diagram/Graphic may be used

Provide a description of **how the collaborative effort will be managed**, including how the team plans to :

- Establish clear communication channels
- Delineate roles and responsibilities
- Facilitate sharing of data and project updates



Applicants **should**:

- ✓ Describe how the overall study plan and design has considered the influence of race, ethnicity, sex, gender and age diversity
- ✓ Explain how the project outcomes might extend or validate the applicability of discoveries to underserved populations, including underserved racial/ethnic communities
- ✓ Describe the research team's prior efforts or proposed plans for outreach, partnership, or educational activities to inform the development of DEI within the research project

Applicants **should NOT**:

- ✗ Include race, ethnicity, national origin, or gender in describing the applicant team personnel



Describe how raw data, processed data and metadata produced from the project will be made available to the research community consistent with **FAIR** data sharing principles.

- The description should include
  - Type(s) of data produced
  - How the data will be managed
  - What raw data, processed data and metadata will be shared
  - How and where the data will be shared (i.e., repositories)
  - Justification for not sharing certain data (if applicable)
- Note: Awarded teams will be asked to complete a detailed Data sharing and management plan (DSMP)



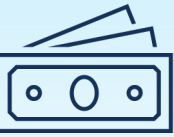
Aim and associated milestone(s)	Aim / Milestone / Activity description and responsible person (1-2 sentences)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Aim 1</b>									
Milestone 1									
Activity 1A									
Activity 1B									
Milestone 2									
Activity 2A									
Activity 1B									
<b>Aim 2</b>									
Milestone									
Activity A									
Activity B									
Activity C									
Activity D									
Activity E									
<b>Aim 3</b>									
Milestone									
Activity A									
Activity B									
Activity C									
<b>Aim 4</b>									
Milestone									
Activity A									
Activity B									
Activity C									
Activity D									
<b>Aim 5</b>									
Milestone									
Activity A									
Activity B									
Activity C									
Activity D									
Activity E									

2 3

1. Download the Milestone & Timelines template xls
2. Complete the Template tab
3. Delete the Sample tab
4. Upload the Template to the Document Uploads tab
5. Complete “Milestones” section of the Proposal - providing additional detail if needed

<a href="#">Instructions</a>	
<a href="#">Print View</a>	
<b>Eligibility</b>	
<a href="#">Eligibility</a>	Incomplete
<b>Personnel</b>	
<a href="#">PI and AOO</a>	Incomplete
<a href="#">Key Personnel</a>	Incomp (1)
<a href="#">Partners</a>	0 Entries
<a href="#">Review Exclusions</a>	0 Entries
<b>Project</b>	
<a href="#">Title &amp; Duration</a>	Incomplete
<a href="#">Information for Review</a>	Incomplete
<a href="#">Keywords</a>	Incomplete
<a href="#">Public Information</a>	Incomplete
<b>Funding</b>	
<a href="#">Consultants / Subcontracts / Service Contracts</a>	Empty
<a href="#">Matching Funds</a>	Empty
<a href="#">CIRM Funds Calculator</a>	Incomplete
<b>Certifications</b>	
<a href="#">Institutional Approvals and Oversight</a>	Incomplete
<b>Uploads</b>	
<a href="#">Document Uploads</a>	Incomplete

1 4



## Online Sections

<a href="#">Instructions</a>	
<a href="#">Print View</a>	
<b>Eligibility</b>	
<a href="#">Eligibility</a>	Incomplete
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<a href="#">CIRM Funds Calculator</a>	Incomplete
<b>Certifications</b>	
<a href="#">Institutional Approvals and Oversight</a>	Incomplete
<b>Uploads</b>	
<a href="#">Document Uploads</a>	Incomplete

## Upload Templates

Document Name	Status	Template
Proposal Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>
Biographical Sketches for Key Personnel Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>
Budget Justification Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>
Budget Worksheet Please refer to the template for instructions.	Incomplete	<a href="#">MSExcel</a>
Milestones and Timeline Please refer to the template for instructions.	Incomplete	<a href="#">MSExcel</a>
PI and Co-Investigator Other Support Please refer to the template for instructions.	Incomplete	<a href="#">MSWord</a>
Letters of Support  If Applicable In a single PDF, provide any signed letters documenting the following: 1. Institutional support 2. Collaborations	Complete	none
Quotes and Other Budget Data  If Applicable In a single PDF, provide any signed letters documenting the following: 1. Copies of important contract work proposed in the budget. This information will be used in the evaluation of the budget. 2. Commitment of matching funds (if applicable and if available at the time of application)	Complete	none
IP, Licenses and Material Transfer Agreements  If Applicable Please provide a description of any relevant intellectual property or licensing/material transfer agreements.	Complete	none

- 1 Complete and upload **Budget Worksheet Template**
- 2 Enter **Subcontracts and Matching Funds** online
- 3 Complete **CIRM Funds Calculator** online
- 4 Complete and upload **Budget Justification Template**

\* We *strongly* suggest completing them in this order – calculated values from the Budget Worksheet will need to be entered in online portions



1. Each PI/co-I must complete their own tab
2. Enter adjusted amounts for exclusions (e.g., exclude the first \$25K for each subcontract – see instructions page)
3. Co-I must indicate if member of PI institution
4. Co-I who are not from the PI institution must enter their total requested costs (line 39) in the online Subcontracts page
5. Combined Tab will make all necessary calculations – enter values in the online CIRM Funds Calculator page)
6. Upload under the “Document Uploads” section of the application (.xlsx or .xls format)

	A	B	C	D	E	F
1	CIRM Application #:			REQUIRED		
2	Co-Investigator #1:		Same Institution as PI?	Yes		
3						
4						
5	Hand-enter cells in white; Green Cells are calculated	Co-I 1 Costs Requested (Year 1)	Co-I 1 Costs Requested (Year 2)	Co-I 1 Costs Requested (Year 3)	Co-I 1 Costs Requested (Year 4)	Co-I 1 Costs Requested (All Years)
6	<b>Direct Project Costs</b>					
7	<b>Direct Project Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
8	<b>Excluded Expenses</b>					
9	Total Consultants/Subcontracts/Service Contracts	\$ -	\$ -	\$ -	\$ -	\$ -
10	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
11	Trainee Annual Tuition & Fees	\$ -	\$ -	\$ -	\$ -	\$ -
12	<b>Excluded Expenses</b>	\$ -	\$ -	\$ -	\$ -	\$ -
13	<b>Adjusted Project Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -
14	Fill out below only if you selected "No" in cell D2					
15	<b>For-Profits: Facilities Costs</b>					
16	Facilities Rate	0.00%	0.00%	0.00%	0.00%	
17	<b>For-Profit Facilities Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
18						
19	<b>Non-Profits: Facilities Costs - A</b>					
20	Rate for Operation/Maintenance Expenses	0.00%	0.00%	0.00%	0.00%	
21	Rate for Library Expenses	0.00%	0.00%	0.00%	0.00%	
22	Sum of Category A Rates	0.00%	0.00%	0.00%	0.00%	
23	Category A Costs Requested	\$ -	\$ -	\$ -	\$ -	\$ -
24	<b>Non-Profits: Facilities Costs - B1</b>					
25	Rate for Depreciation or Use Allowances	0.00%	0.00%	0.00%	0.00%	
26	Rate for Interest on Capital Debt	0.00%	0.00%	0.00%	0.00%	
27	Sum of Category B(1) Rates	0.00%	0.00%	0.00%	0.00%	
28	Category B(1) Costs Requested	\$ -	\$ -	\$ -	\$ -	\$ -
29	<b>Non-Profits: Facilities Costs - B2</b>					
30	Actual out-of-pocket lease costs	\$ -	\$ -	\$ -	\$ -	\$ -
31	<b>Non-Profit Facilities Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
32						
33	<b>Indirect Costs</b>					
34	Adjusted Direct Project Cost + Facilities Costs	\$ -	\$ -	\$ -	\$ -	\$ -
35	Indirect Cost Rate	0%	0%	0%	0%	
36	<b>Indirect Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -
37						
38	<b>Total CIRM Funds Requested</b>					
39	<b>Total CIRM Funds Requested</b>					\$ -
40	<i>exclusions helper</i>	0	0	0	0	
41						
42						
43						
44						
45						
46						

1

5

- [Instructions](#)
- [Print View](#)
- Eligibility**
- [Eligibility](#) Incomplete
- Personnel**
- [PI and AQO](#) Incomplete
- [Key Personnel](#) Incomp (1)
- [Partners](#) 0 Entries
- [Review Exclusions](#) 0 Entries
- Project**
- [Title & Duration](#) Incomplete
- [Information for Review](#) Incomplete
- [Keywords](#) Incomplete
- [Public Information](#) Incomplete
- Funding**
- [Consultants / Subcontracts / Service Contracts](#) Empty
- [Matching Funds](#) Empty
- [CIRM Funds Calculator](#) Incomplete
- Certifications**
- [Institutional Approvals and Oversight](#) Incomplete
- Uploads**
- [Document Uploads](#) Incomplete

Consultants / Subcontracts / Service Contracts										
Entity Name	Contract Name	Contract Type	Completion Status	Actions	Year 1	Year 2	Year 3	Year 4	Total	
Co-I #1; Institution #1	Co-I #1	Subcontract	Incomplete	<a href="#">Edit</a>   <a href="#">Delete</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	
Co-I #2; Institution #2	Co-I #2	Subcontract	Incomplete	<a href="#">Edit</a>   <a href="#">Delete</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	
Co-I #3; Institution #3	Co-I #3	Subcontract	Incomplete	<a href="#">Edit</a>   <a href="#">Delete</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	
Consultant #1	Data Coordination & Management	Consultant	Incomplete	<a href="#">Edit</a>   <a href="#">Delete</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	
Consultants/Subcontracts/Service Contracts Costs in Excess of \$25,000 Each					0	0	0	0	0	

[Save](#)

[Add Subcontract](#)

Entity Name

Contract Name

Contract Type

Role Description

[Save](#)

1. Add subcontracts paid from the PI institution – enter the full annual direct costs for each
2. If any co-I is NOT from the PI/ main applicant institution, they should also be entered as a “subcontract” to the PI institution here – enter the **total requested costs** (row 39 of co-I tab Budget Worksheet)

Online calculator makes all necessary adjustments and feeds into the **CIRM Funds Calculator**

<a href="#">Instructions</a>	
<a href="#">Print View</a>	
<b>Eligibility</b>	
<a href="#">Eligibility</a>	Incomplete
<b>Personnel</b>	
<a href="#">PI and AOO</a>	Incomplete
<a href="#">Key Personnel</a>	Incomp (1)
<a href="#">Partners</a>	0 Entries
<a href="#">Review Exclusions</a>	0 Entries
<b>Project</b>	
<a href="#">Title &amp; Duration</a>	Incomplete
<a href="#">Information for Review</a>	Incomplete
<a href="#">Keywords</a>	Incomplete
<a href="#">Public Information</a>	Incomplete
<b>Funding</b>	
<a href="#">Consultants / Subcontracts / Service Contracts</a>	Complete
<a href="#">Matching Funds</a>	Complete
<a href="#">CIRM Funds Calculator</a>	Incomplete
<b>Certifications</b>	
<a href="#">Institutional Approvals and Oversight</a>	Incomplete
<b>Uploads</b>	
<a href="#">Document Uploads</a>	Incomplete

## Excel Budget Worksheet

	A	B	C	D	E	F
1	<b>CIRM Application #:</b>					
2	<b>Principal Investigator:</b>					
3						
4						
5	Hand-enter cells in white; Green Cells are calculated					
6	Direct Project Costs	PI Costs Requested (Year 1)	PI Costs Requested (Year 2)	PI Costs Requested (Year 3)	PI Costs Requested (Year 4)	PI Costs Requested (All Years)
7	<b>Direct Project Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
8	<b>Included Expenses</b>					
9	Total Consultants/Subcontracts/Service Contracts	\$ -	\$ -	\$ -	\$ -	\$ -
10	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
11	Travel/Travel Tuition & Fees	\$ -	\$ -	\$ -	\$ -	\$ -
12	Excluded Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
13	<b>Adjusted Project Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -
14	<b>For-Profit: Facilities Costs</b>					
15	Facilities Rate	0.00%	0.00%	0.00%	0.00%	
16	<b>For-Profit Facilities Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
17	<b>Non-Profit: Facilities Costs - A</b>					
18	Rate for Operation/Maintenance Expenses	0.00%	0.00%	0.00%	0.00%	
19	Rate for Library Expenses	0.00%	0.00%	0.00%	0.00%	
20	Sum of Category A Rates	0.00%	0.00%	0.00%	0.00%	
21	Category A Costs Requested	\$ -	\$ -	\$ -	\$ -	\$ -
22	<b>Non-Profit: Facilities Costs - B1</b>					
23	Rate for Depreciation or Use Allowances	0.00%	0.00%	0.00%	0.00%	
24	Rate for Interest on Capital Debt	0.00%	0.00%	0.00%	0.00%	
25	Sum of Category B1 Rates	0.00%	0.00%	0.00%	0.00%	
26	Category B1 Costs Requested	\$ -	\$ -	\$ -	\$ -	\$ -
27	<b>Non-Profit: Facilities Costs - B2</b>					
28	Actual out-of-pocket lease costs	\$ -	\$ -	\$ -	\$ -	\$ -
29	<b>Non-Profit Facilities Costs - Total</b>	\$ -	\$ -	\$ -	\$ -	\$ -
30	<b>Indirect Costs</b>					
31	Adjusted Direct Project Cost + Facilities Costs	\$ -	\$ -	\$ -	\$ -	\$ -
32	Indirect Cost Rate	0%	0%	0%	0%	
33	<b>Indirect Costs</b>	\$ -	\$ -	\$ -	\$ -	\$ -
34	<b>Total CIRM Funds Requested</b>					
35	<b>Total CIRM Funds Requested</b>	\$ -	\$ -	\$ -	\$ -	\$ -



## Online CIRM Funds Calculator

**CIRM Funds Calculator**

The following Budget section allows the applicant to calculate the CIRM-fundable overhead (Facilities and Indirect Costs) to arrive at the Total Funds Requested from CIRM.

CIRM-fundable Facilities Costs are limited to the current applicable, federally negotiated rates for the organization as defined by the Office of Management and Budget (OMB) Circular A-21 or A-122 for Non-Profit applicant organizations. Facilities Costs for For-Profit applicant organizations are limited to 25%. These rates are applied to the Adjusted Direct Project Costs.

CIRM-fundable Indirect Costs (i.e. administrative overhead) are limited to no more than 20% for non-profits and are applied to the Adjusted Direct Project Costs plus the Facilities Costs. For-profit organizations cannot claim indirect costs.

First, complete the Budget Worksheet available in the Document Uploads section of the application. Use the values in the "Combined" tab to complete the Funds Calculator table below. Please provide values for all editable fields. If a given budget category is not applicable, enter "0" (zero).

Total CIRM Funded Direct Project Costs	Year 1	Year 2	Year 3	Year 4	Total
Total CIRM Funded Direct Project Costs	0	0	0	0	0
<b>Amounts Excluded for Facilities and Indirect Cost Calculation</b>					
Consultants/Subcontracts/Service Contracts Costs in Excess of \$25,000 Each	0	0	0	0	0
Equipment	0	0	0	0	0
Travel/Travel Tuition and Fees	0	0	0	0	0
Excluded Expenses	0	0	0	0	0
Amounts Excluded for Facilities and Indirect Cost Calculation	0	0	0	0	0
<b>Adjusted Project Costs</b>	0	0	0	0	0
Adjusted Project Costs	0	0	0	0	0
<b>Facilities Costs</b>					
Category A	Year 1	Year 2	Year 3	Year 4	Total
Rate for Operation/Maintenance Expenses (percent)	0.00%	0.00%	0.00%	0.00%	0.00%
Rate for Library Expenses (percent)	0.00%	0.00%	0.00%	0.00%	0.00%
Sum of Category A Rates	0.00%	0.00%	0.00%	0.00%	0.00%
Category A Costs Requested	0	0	0	0	0
Category B - in Excess of Category B(1) or Category B(2)	0	0	0	0	0
Category B(1) Publicly negotiated rates for depreciation & capital debt	0	0	0	0	0
Category B(2) Out-of-pocket lease costs	0	0	0	0	0
Category B Costs Requested	0	0	0	0	0
Facilities Costs	0	0	0	0	0
<b>Indirect Costs</b>					
Indirect Cost Rate (percent; for-profits max 20%; non-profits no more than 20%)	0%	0%	0%	0%	0%
Indirect Costs	0	0	0	0	0
<b>Total Project Funds</b>					
Total Funds Requested from CIRM	0	0	0	0	0
Total Matching Funds (equalized from Matching Funds table)	900,000	900,000	900,000	900,000	3,600,000
<b>Total Project Funds</b>	900,000	900,000	900,000	900,000	3,600,000

Complete the CIRM Funds Calculator online section using the "Combined" Tab of your completed Budget Worksheet

**CIRM** DISCOVERY  
CALIFORNIA'S STEM CELL AGENCY

## Budget Justification

**Overall instructions:**  
Provide a narrative justification that describes the basis for all Total Direct Project Costs, both CIRM-funded and contributed by matching funds (if applicable), in the proposed budget.

**Applicants are encouraged to complete the budget worksheet upload first.** The worksheet includes separate tabs for direct project cost attributed to each investigator (PI/Co-Investigator).

If the project period is less than four years with any overall annual proposed budget above \$3,000,000, a strong justification needs to be provided, and the GWG will be instructed to consider that budget rationale in their scoring. If applicable, this justification should be provided within the PI's budget justification section in Part A (see below).

**Prepare a single document that provides the requested information in Parts A, B, and C as described below.** Please adhere to the page limits for each section. Do not delete the instructions. **Rename the document and update the header to include your application number (DISC4-XXXX) and convert the document to a PDF prior to uploading.**

**Part A: Budget Justification per Investigator (3 pages per investigator)**

Provide a budget justification for direct costs attributed to the PI, followed by direct costs attributed to each Co-Investigator. Each project team investigator is allowed up to 3 pages of budget justification.

For each PI and Co-Investigator, provide a yearly breakdown by cost category (Personnel, Supplies, Travel, Equipment, Consultants/Subcontracts/Service Contracts). Provide sufficient explanation and detail to enable CIRM and the Grants Working Group (GWG) to clearly understand the rationale and reasonableness of amounts proposed in all budget categories. Ensure all costs are budgeted in proportion to the benefit they provide the proposed project.

**APPLICANTS MUST PROVIDE THE INFORMATION INDICATED BELOW:**

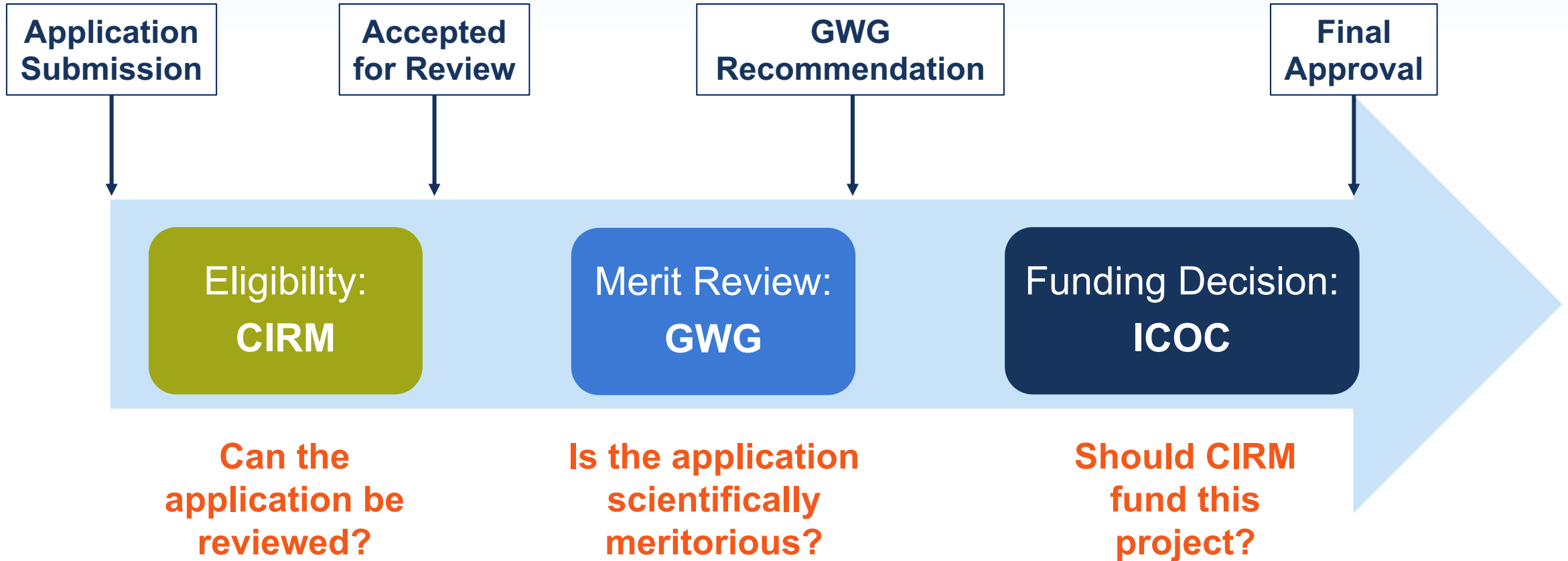
1. **Personnel (including additional unnamed personnel):** In addition to key personnel, describe the specific roles, activities, and number of any additional, unnamed, non-key personnel supported by the budget. **DO NOT IDENTIFY ANY OF THESE INDIVIDUALS BY NAME.**
2. **Travel:** Explain the specific purpose and cost basis for all travel funds requested.
3. **Supplies:** Describe proposed budget for all supplies requested in relation to activities proposed.
4. **Equipment:** Describe proposed equipment budget (items equal to or greater than \$5,000 & a useful life > 1year) and explain the purpose and cost basis for each item.
5. **Consultants/Subcontracts/Service Contracts:** Justification for each **CIRM-funded** consultant, subcontract or service contract involved in the project should be provided.

Begin your response on the following page.

DISC4-XXXX CIRM ReMIND Program 1

1. Download the Budget Justification Template from the “Document Uploads” section of the application
2. Part A: Provide budget justification for each PI/co-I, max 3 pages per person
3. Part B: Provide DSMP budget justification (if not already covered in individual investigator budgets)
4. Part C: Provide details on Matching Funds – sources and expenditure types
5. Combined all parts and upload as a PDF document

# ReMIND-L | Review Process & Criteria



The **Grants Working Group will evaluate applications** based on the following key questions:

1. Does the project hold the necessary significance and potential for impact?
2. Is the proposal innovative?
3. Is the rationale sound?
4. Is the project well planned and designed?
5. Is the project feasible?
6. Does the project uphold principles of Diversity, Equity and Inclusion (DEI)?

The **GWG** will score each application and make one of the following specific recommendations to the ICOC's Application Review Subcommittee (ARS):

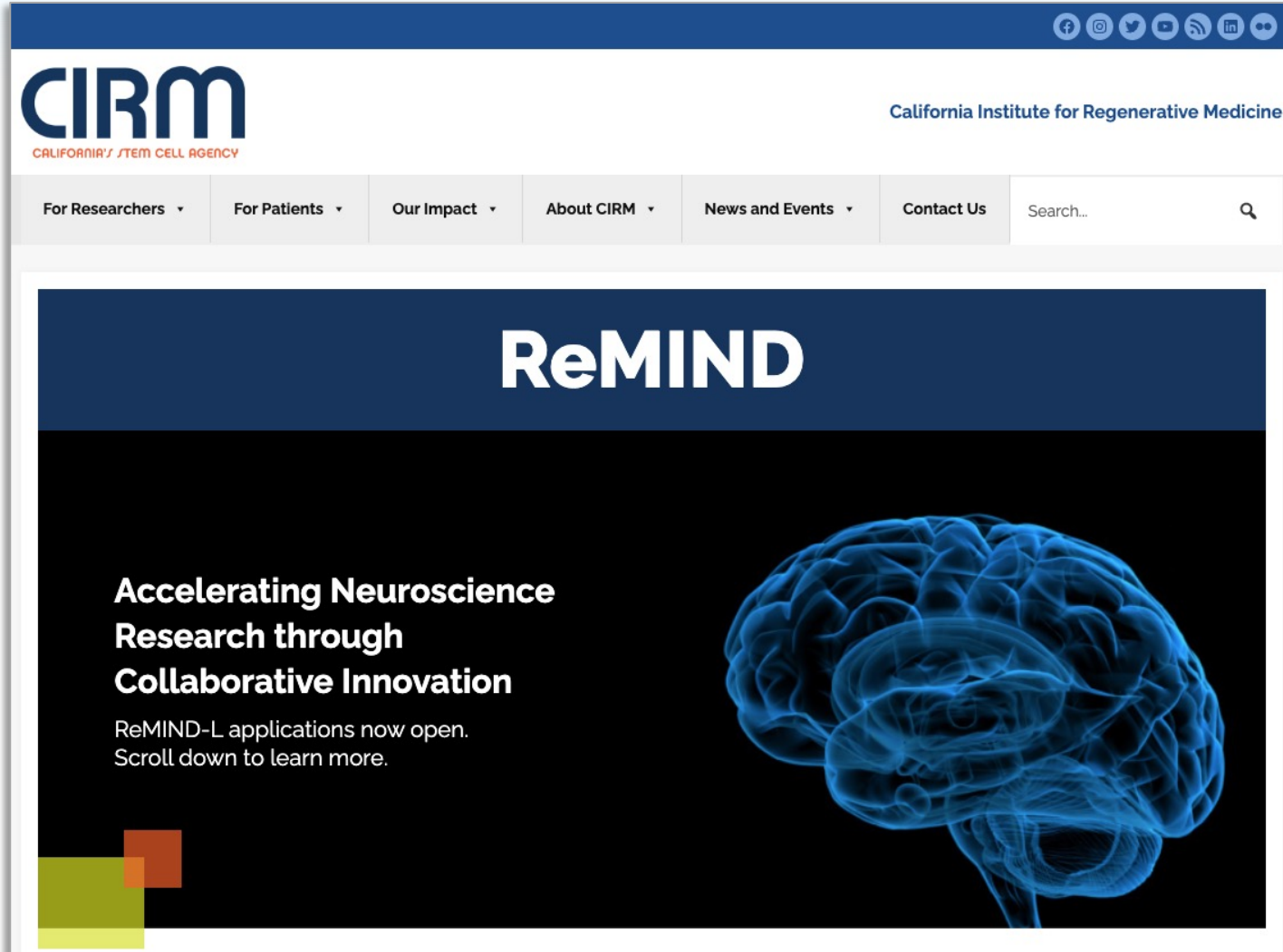
Score	Recommendation
1	The application has exceptional merit and warrants funding
2	The application needs improvement and does not warrant funding, but may be resubmitted to address areas for improvement if the ARS does not approve the application for funding following the GWG's review
3	The application is sufficiently flawed and does not warrant funding or the possibility of resubmission

- If a majority of scientific reviewers score the application a 1, 2 or 3, then that score shall constitute the recommendation of the GWG
- If no majority exists for a score of 1, 2 or 3, then the application shall automatically be **assigned a score of 2**



**Non-funded applications that receive a score of "2" may be invited to revise and resubmit their applications if:**

- Fewer than the target number (6) of applications are funded in the first round
- CIRM Board (ARS Committee) votes to allow resubmission



Visit [cirm.ca.gov/remind/](https://cirm.ca.gov/remind/) for an overview of the ReMIND program, webinar, FAQs, and links to resources



**ReMIND**

Programmatic Questions

[ctan@cirm.ca.gov](mailto:ctan@cirm.ca.gov)

[discovery@cirm.ca.gov](mailto:discovery@cirm.ca.gov)

**Applications due March 5 at 2pm**

# CIRM Discovery Stage Funding Opportunities

Award	Focus	Next funding deadline
Foundation (DISC0)	Basic Knowledge Gaps. Tools and Models	November 2024
Quest (DISC2)	Therapeutic and Biomarker Discovery and Candidate Development	May 2024
<b>ReMIND-L (DISC4)</b>	<b>Large Multidisciplinary Neuroscience Research</b>	<b>March 05 2024</b>
ReMIND-X	Exploratory Multidisciplinary Neuroscience Projects	RFA expected end 2024

Visit [cirm.ca.gov](http://cirm.ca.gov)

Data Sharing &  
Management  
Plans



The screenshot shows the CIRM website homepage. At the top right, there are social media icons for Facebook, Instagram, Twitter, YouTube, RSS, LinkedIn, and a chat bubble. The main header features the CIRM logo and the text 'California Institute for Regenerative Medicine'. Below the header is a navigation bar with the following items: 'For Researchers' (highlighted), 'For Patients', 'Our Impact', 'About CIRM', 'News and Events', 'Contact Us', and a search bar. The main content area is a green grid with four columns of links:

FUNDING OPPORTUNITIES	GRANTS	CLINICAL RESOURCES	RESEARCH RESOURCES
<a href="#">Information for Applicants</a>	<a href="#">Active Awards Portfolio Dashboard</a>	<a href="#">CIRM Funded Clinical Trials</a>	<a href="#">FAQs for CIRM Awards</a>
<a href="#">All Funding Opportunities</a>	<a href="#">CIRM Grants</a>	<a href="#">Alpha Stem Cell Clinics</a>	<a href="#">Industry Alliance Program</a>
<a href="#">COVID-19</a>	<a href="#">Managing Your Grant</a>	<a href="#">Cell and Gene Therapy Center</a>	<a href="#">iPSC Repository</a>
<a href="#">Discovery</a>	<a href="#">CIRM Grantees</a>	<a href="#">Collaborative Funding Partnerships</a>	<a href="#">Genomics Initiative</a>
<a href="#">Translational</a>	<a href="#">CIRM-Funded Institutions</a>		<a href="#">CIRM Publications</a>
<a href="#">Clinical</a>	<a href="#">CIRM Funding Commitments</a>		<a href="#">Grantee Publications</a>
<a href="#">Infrastructure</a>	<a href="#">Stem Cell Grant Regulations</a>		<a href="#">Webinars and Workshops</a>
<a href="#">Education</a>			<a href="#">hESC Cell Lines</a>
<a href="#">Previous Funding Opportunities</a>			