

ICOC President's Report June 2024

President's Report
June 27, 2024

Logo Update

Koren Temple-Perry
Public Outreach & Communications
President's Report
June 27, 2024



The Communications Team recommended a logo refresh as part of broader branding update.



Goals of logo refresh:

1. Improve readability and visibility in our name
2. Increase clarity of CIRM in many communities
3. Strengthen our current brand

C I R M

**CALIFORNIA INSTITUTE FOR
REGENERATIVE MEDICINE**

- ✓ Legible
- ✓ Approachable
- ✓ Clean
- ✓ Human

The CIRM logo suite includes four primary variations of the logo: full-color (sometimes referred to as “four-color”), white, blue, and Spanish.

C I R M
CALIFORNIA INSTITUTE FOR
REGENERATIVE MEDICINE

Full-color logo

C I R M
CALIFORNIA INSTITUTE FOR
REGENERATIVE MEDICINE

All-white logo variation

C I R M
CALIFORNIA INSTITUTE FOR
REGENERATIVE MEDICINE

All-blue logo variation

C I R M
INSTITUTO DE MEDICINA
REGENERATIVA DE CALIFORNIA

Full-color Spanish Logo

CIRM branded suite of 1-pagers, PPT templates, brochures, email signatures, branded letterhead, social media headers to align with updated design



CIRM's Mission

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

CIRM's Vision

Since CIRM's inception in 2004, the Agency has invested \$4.2 billion to fund regenerative medicine research, infrastructure, and education programs. CIRM advances regenerative medicine in California through collaboration, innovation, and support for all stages of research, while also addressing manufacturing challenges and promoting inclusivity and diversity in the field.

CIRM
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**Accelerating
Regenerative
Medicine for
California
and the World**



As a world leader in regenerative medicine and stem cell research, the California Institute for Regenerative Medicine (CIRM) provides funding for innovative regenerative medicine, stem cell, and gene therapy research.

CIRM
CALIFORNIA INSTITUTE FOR
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**Innovation One
Patient at a Time**

The California Institute for Regenerative Medicine (CIRM) accelerates the translation of groundbreaking discoveries into therapies, taking us one step closer to progress that can make a difference in people's lives.





VERONICA MCDUGALL
New Vision, New Hope

Veronica was diagnosed with retinitis pigmentosa (RP), a rare degenerative condition of the retina that would eventually leave her legally blind. She enrolled in a clinical trial at UC Irvine funded by CIRM and led by the biotech company iCyte. In the trial, a dedicated research team injected retinal progenitor cells into her left eye, leading to steady vision improvement. Although her vision deteriorated during her senior year of college, she joined a second CIRM-funded iCyte clinical trial, resulting in even stronger vision in her left eye. Veronica and her partner, Robert, now embrace parenthood with their son, Elliott.



HATAALII TISYATONII ("HT") BEGAY
Four-Year-Old Medical Pioneer

Shortly after his birth in the Navajo nation, Hataalii Tisayatonii ("HT") Begay was diagnosed with Artemis Severe Combined Immunodeficiency Disease (SCID). This meant he had no functioning immune system, leaving him at risk of deadly infections. HT was the first child to participate in a CIRM-funded UCSF trial where lead investigators collected his own blood stem cells, modified them with a healthy version of the defective gene, and then re-infuse the corrected cells back into his body to rebuild his immune system. Thanks to this CIRM-funded therapy, HT is an energetic and healthy little boy who is home and off his medications.



ANNETTE ADKINS
Potential to Suppress Seizures in a Single Dose

Annette's life transformed after joining a CIRM-funded trial for drug-resistant epilepsy with Neurons Therapeutics. In the trial, she received a single dose of a neuronal cell therapy derived from human stem cells, known as NRTX-1001. In the past, Annette endured frequent seizures, but thanks to this groundbreaking therapy, she has had a greater than 90% reduction in seizure frequency, allowing her to do the activities she loves. CIRM has supported Neurons' research from the initial discovery research stage to the ongoing first-in-human clinical trial, which was supported with an \$8 million grant.

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*As of January 2024

**Education
Programs**

\$438 Million

Through education programs, CIRM is helping train the next generation of regenerative medicine scientists and technicians needed to advance the field.

**Infrastructure
Program**

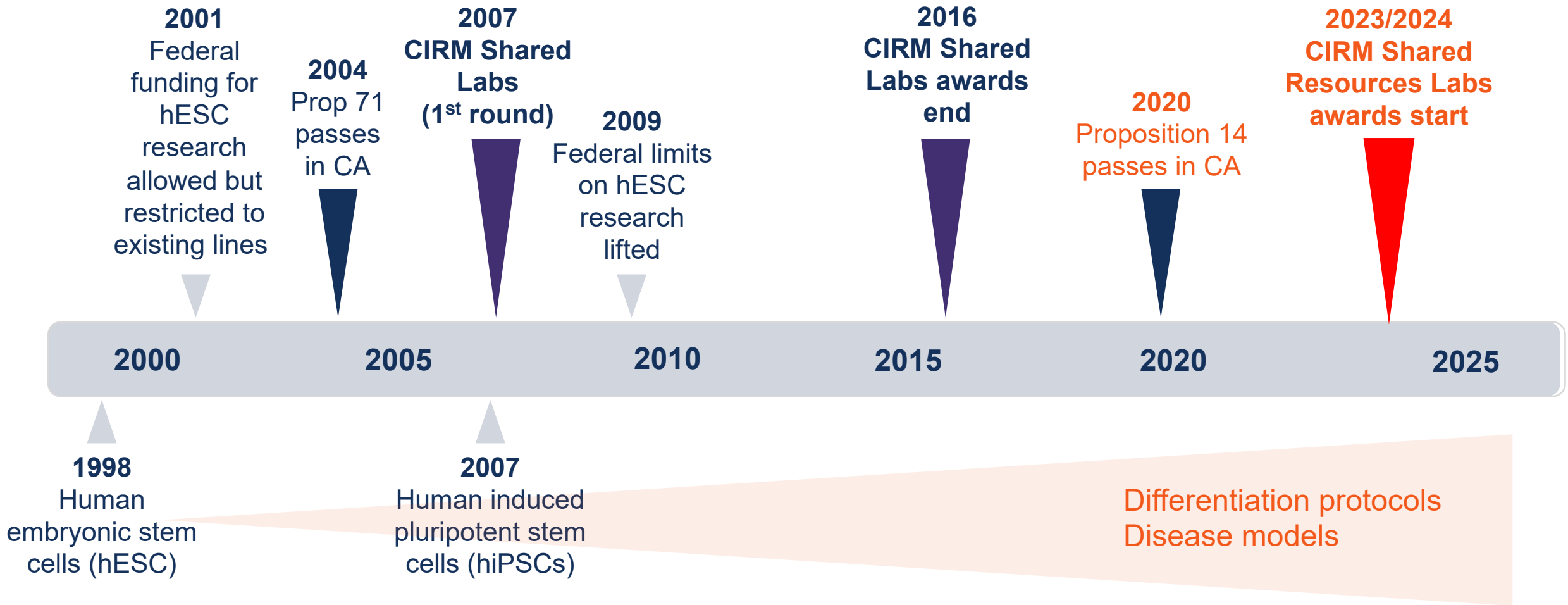
\$578 Million

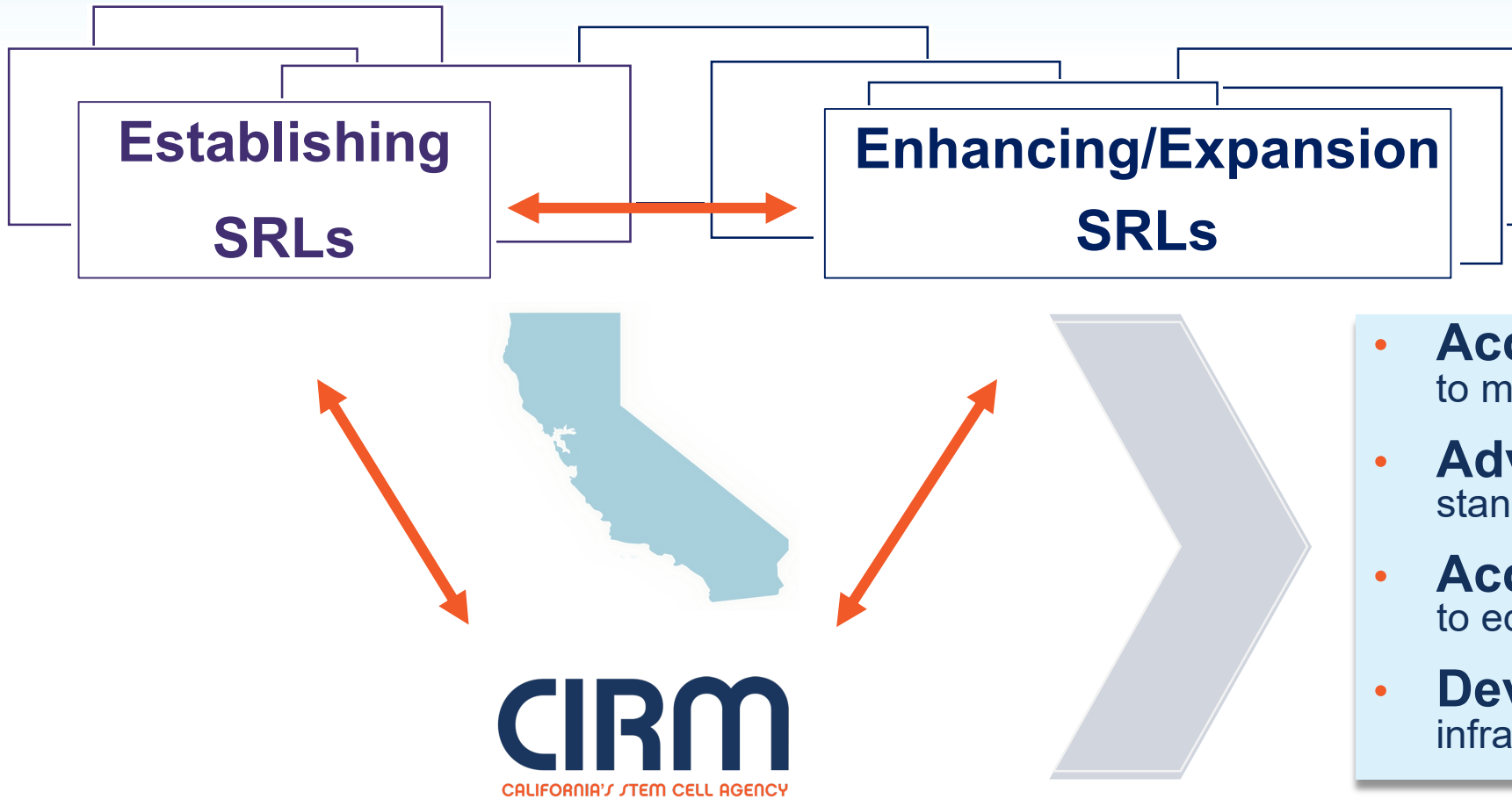
CIRM's infrastructure program builds real and virtual centers that provide the resources, expertise, and information needed to advance CIRM's mission.

Shared Resources Labs for Stem Cell-Based Modeling (SRL) Update

Uta Grieshammer, Ph.D.
Scientific Programs and Education
President's Report
June 27, 2024

Shared Resources Labs (SRLs) for Stem Cell-Based Modeling Timeline



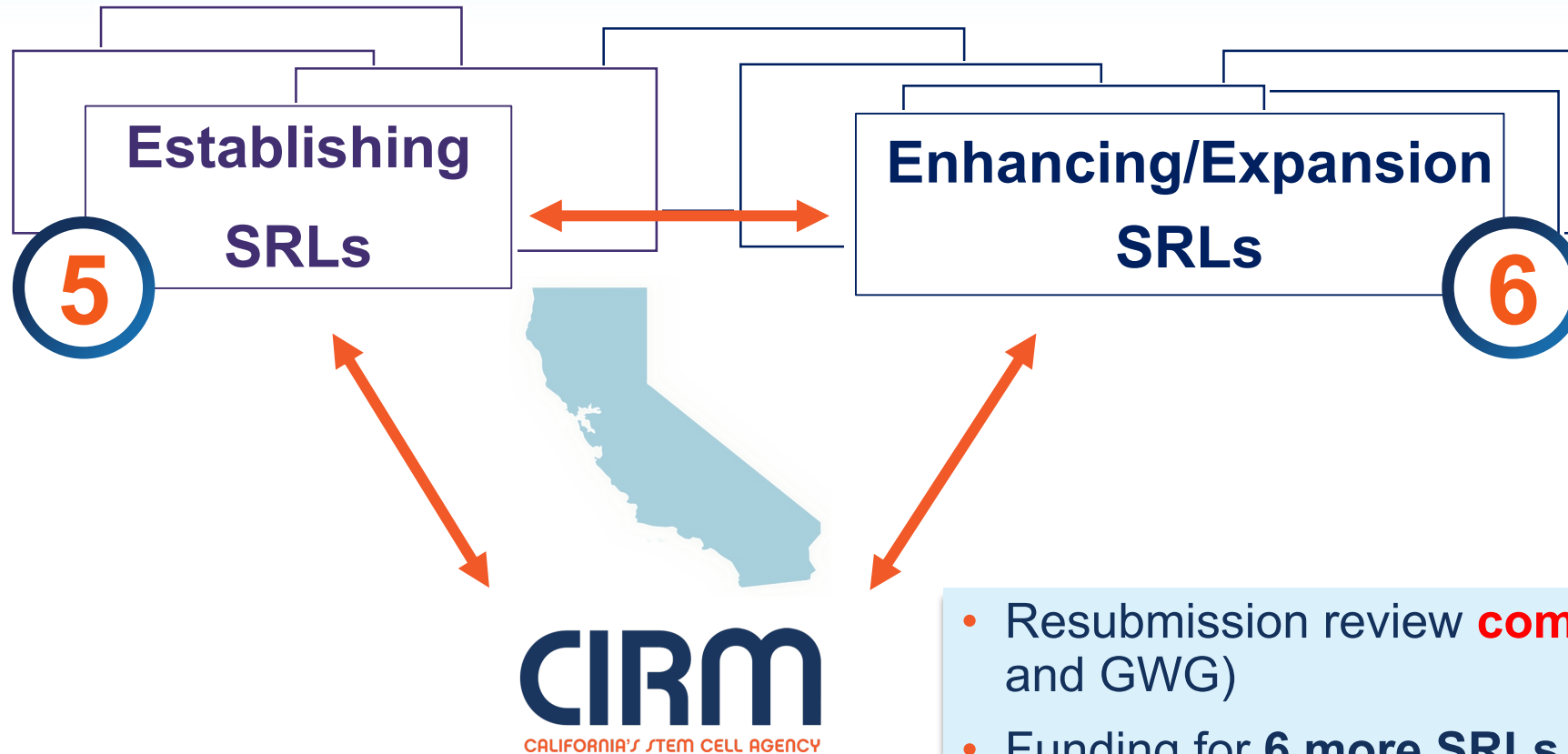


- **Access** to models across CA
- **Advance** standards and reproducibility
- **Access** to educational opportunities
- **Develop** sustainable SC core infrastructure

Shared Resources Labs – 5 SRLs Launching



Shared Resources Labs – 11 Resubmissions



- Resubmission review **complete** (FWG and GWG)
- Funding for **6** more SRLs in budget
- Expect approval **July ARS**

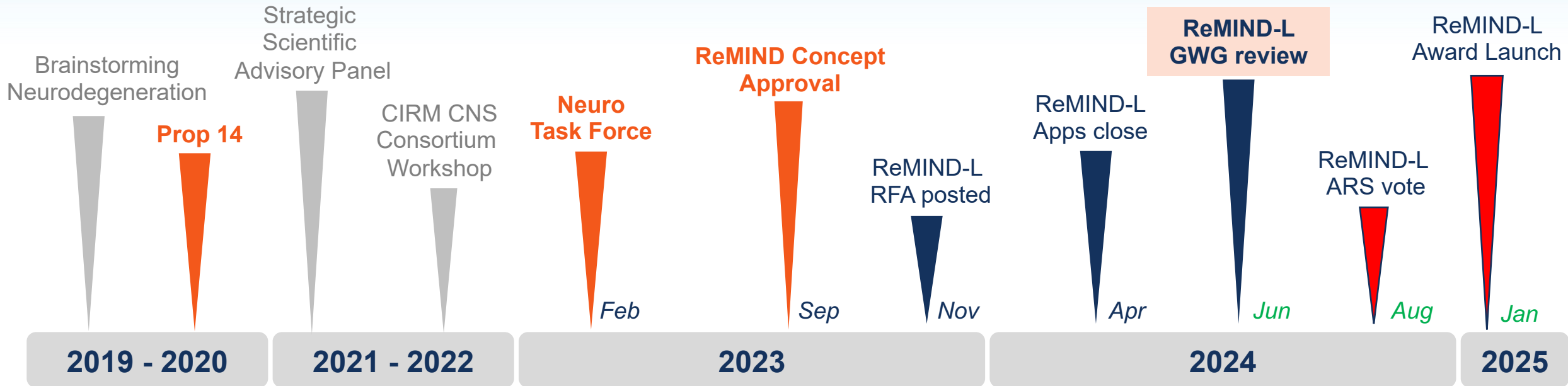
DISC-4 (ReMIND*) Update

Chan Lek Tan, Ph.D.
Scientific Programs and Education
President's Report
June 27, 2024



*Research using **M**ultidisciplinary, Innovative approaches in **N**euro **D**iseases¹²

ReMIND Program – Update

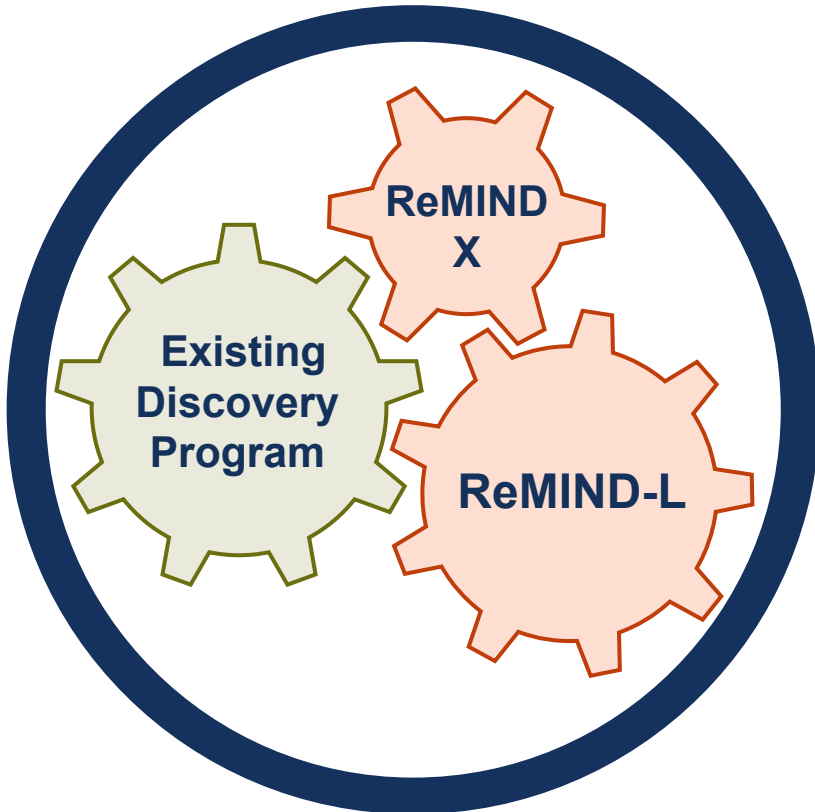


Discussions during program concept development highlighted 3 main points:

- Lack of understanding of **disease mechanisms** as a major obstacle to therapeutic development
- Necessity of an integrative, **multidisciplinary approach** to tackle complex brain disorders
- Breakthroughs can be accelerated by **knowledge and resource sharing**

ReMIND Program – 2 Unique Awards

\$110M approved to tackle complex **neuropsychiatric diseases**



ReMIND-L (DISC4)

Collaborative projects

4 years

Up to \$10M / Award*

5 or more investigators

6 awards

\$88.2M total

ReMIND-X (DISC5)

**RFA
expected
Q4 2024**

*direct project cost maximum

ReMIND-L (DISC4) Applicants

- **26 Collaborative Applications across CA**
- **16** of 26 applications were **multi-institutional**
- Applicants included **158 investigators** from **19 institutions**



Distribution of 26 primary applicant organizations

Multidisciplinary teams

Diverse research disciplines



Functional genomics, gene editing



2D and 3D stem-cell models,
Scalable *in-vitro* phenotyping



Imaging, proteomic and metabolomics.
AI/ML approaches

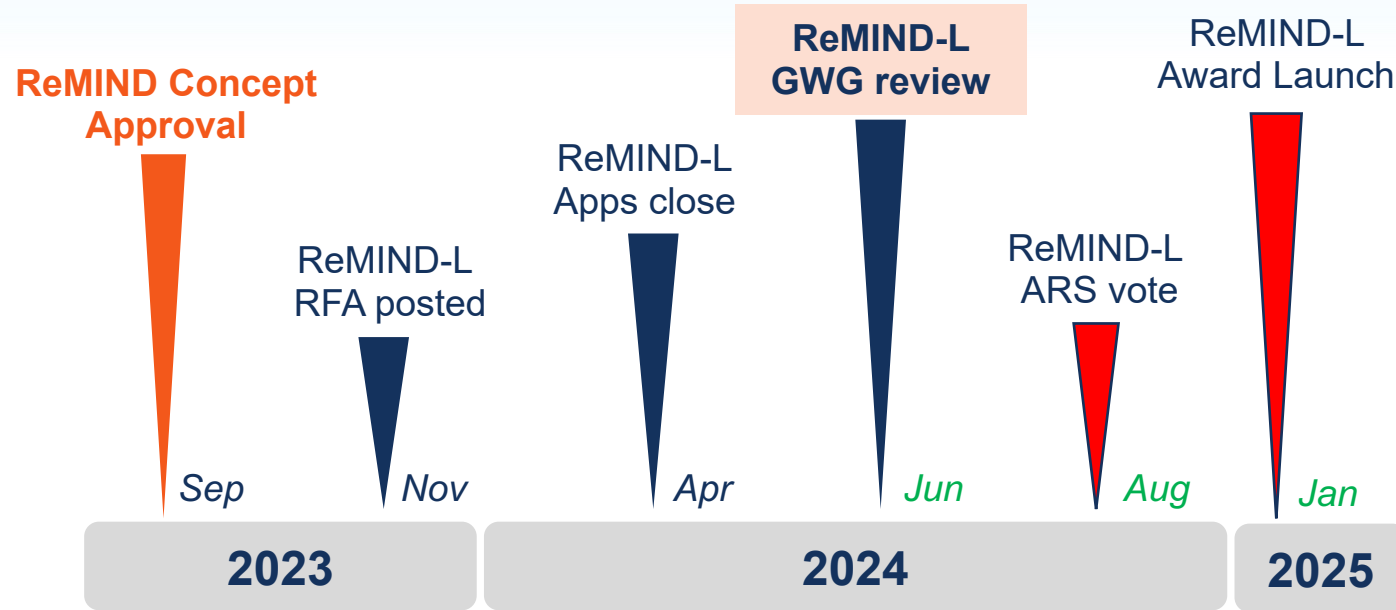


Viral targeting, target identification,
biomarker discovery



Clinical phenotyping, patient
data and patient derived cell lines

ReMIND – Team contributions and next steps



Review **complete** (GWG)
Pending approval **August ARS**

Thank you!