Neuro Task Force
Next Steps

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Neuro Task Force
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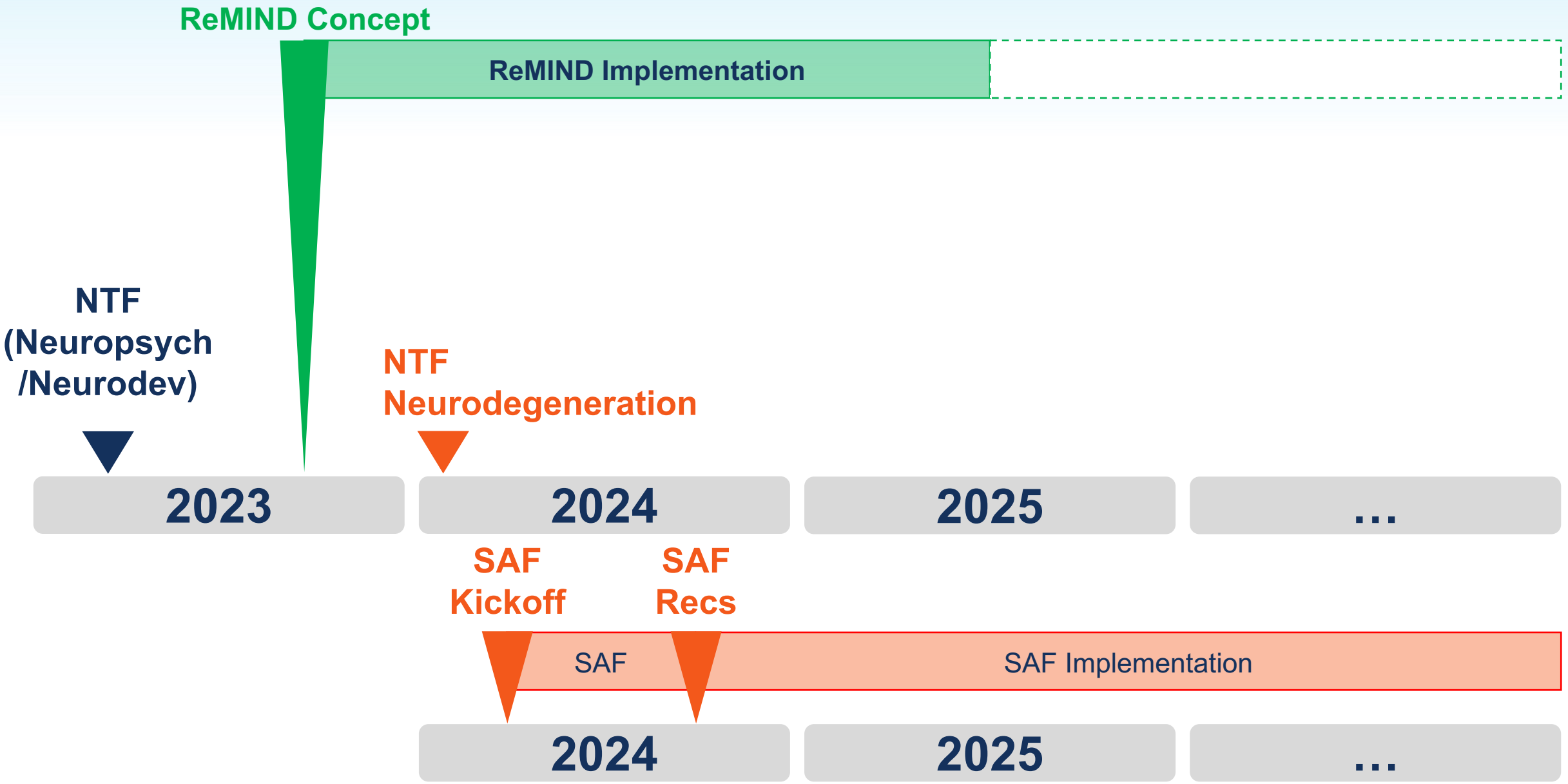
CIRM
CALIFORNIA'S STEM CELL AGENCY

Presentation Overview

1. NTF Next Steps

Next Steps


ReMIND Concept
ReMIND Implementation
NTF
(Neuropsych
/Neurodev)
NTF
Neurodegeneration
2023
2024
2025
…
SAF
Kickoff
SAF
Recs
SAF
SAF Implementation
2024
2025
…

Remaining Funds

Total Research Budget

From Prop 71 & Prop 14

$7.64B

Current Research Allocation

Excluding expended/scheduled payments & approved allocations

Remaining Balance: **$3.54B**

- For Neuro Research: **$1.11B**
- Access & Affordability: **$93.56M**

➢ W/o specific action - Current rate of expenditure is **33%** (> 27%)

Strategic Allocation Framework | Process

NTF will inform specific aspects of the Recommendations

Impact Goals / SAF Categories

Guiding Questions

Data Collection & Analysis

CIRM Recommendation

SAF Categories

SAF Categories

1. Approval of Cell and Gene Therapies
2. Accessibility and Affordability of CIRM-Funded Cell and Gene Therapies
3. Discovery of Novel Disease Mechanisms
4. Diverse Workforce Development

NTF | Design Questions

Determine:

- How can CIRM make the greatest impact on its mission in the Neuro space?
- How might CIRM effectively allocate its remaining Neuro budget of $1.11B?

How will NTF inform Neuro prioritization?

Guiding Questions

1. **Focused Neuro Investment:** Should any areas of Neuro be singled out for enhanced funding?
2. **Portfolio Reassessment:** What criteria should guide any revisions to our current funding portfolio, and what adjustments might be needed?
3. **Strategic Direction in Research Phases:** How should we delineate our focus between translational/clinical and discovery stages within neuro research?
4. **Special Project Funding Allocation:** What proportion of our Neuro budget should be earmarked for task force-identified projects?
   - **Should any of the Neuro set-aside be used for phase 1 clinical trials of small molecules?**
5. **Neuro Task Force Scope:** Beyond the fields of neurodegeneration, and neuro injury (stroke, TBI), are there other areas that the Neuro task force should consider before finalizing our plan?
6. **Process:** What degree of specificity should we include in our proposed plan to the science, subcommittee and the ICOC?

How will NTF inform Neuro prioritization?

Data Collection & Analysis

1. Focused Neuro Investment:

a. Prevalence and burden of neurological conditions in CA
b. Landscape analysis of current research funding and gaps in the neuro field
c. Expert consensus on emerging areas within neurosciences with high potential for breakthroughs

2. Portfolio Reassessment:

a. Historical performance data of funded projects (e.g., publication rates, subsequent funding, clinical impact)
b. Comparative analysis of funding portfolios and strategies with peer organizations
c. Data on industry trends and alignment with strategic health priorities

3. Strategic Direction in Research Phases:

a. Success rates and timelines of translational/clinical projects (modalities, diseases)
b. Analysis of bottlenecks and challenges at different stages of neuro research (see 1)
c. Potential for translation of research findings into clinical practice or commercialization within CIRM's lifetime

How will NTF inform Neuro prioritization?

Data Collection & Analysis

4. Special Project Funding Allocation

a. **Small molecule repurposing**
   i. Data on the costs, outcomes, and return on investment of Phase 1 clinical trials for repurposed small molecules in neurosciences
   ii. Comparative costs of phase 1 trials for repurposed small molecules versus new drug entities.
   iii. Information on any expedited pathways available for repurposed drugs that may shorten the time to trial completion and reduce costs.

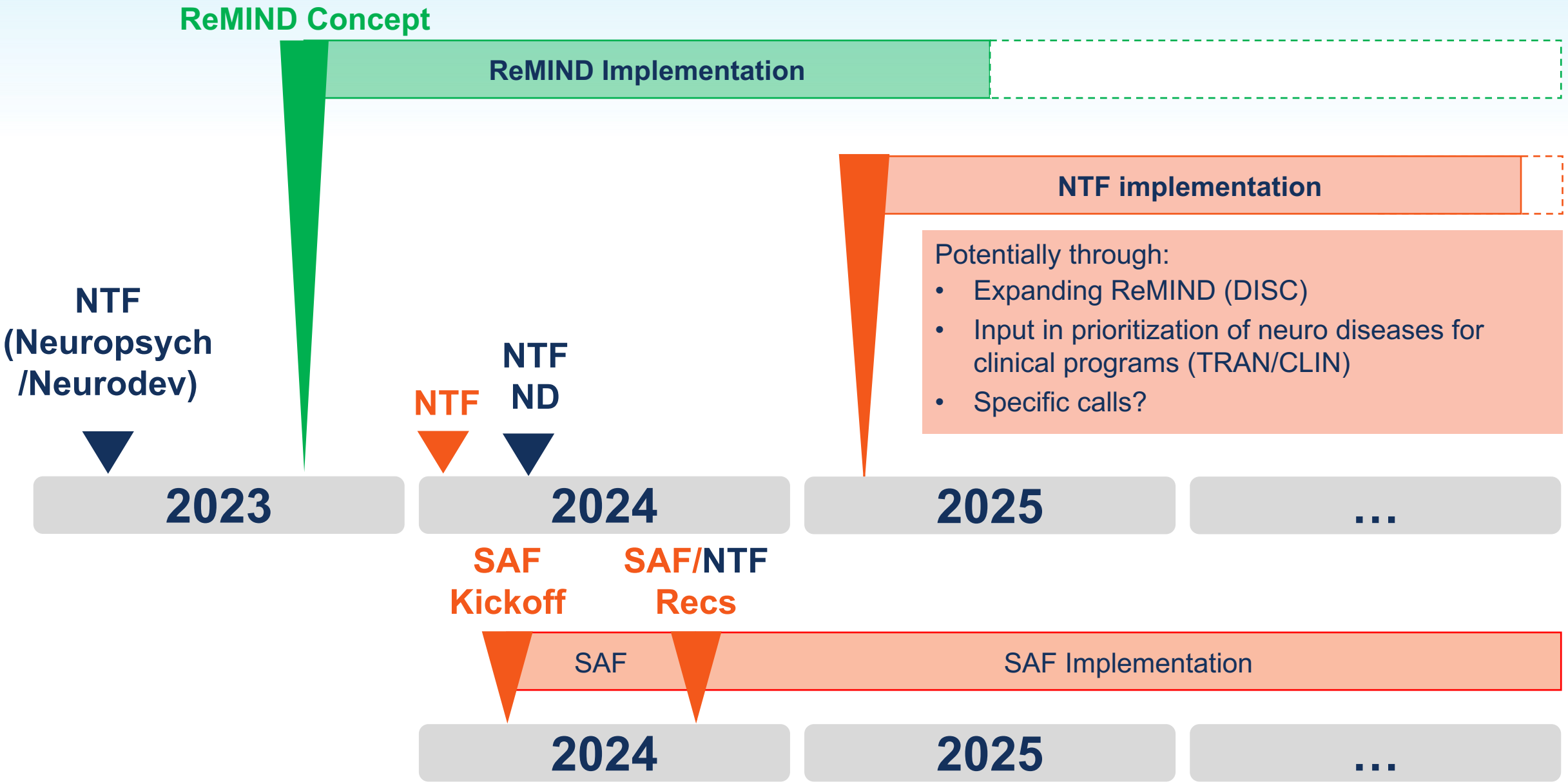
5. NTF Scope:

a. Landscape analysis of current research in neurosciences beyond neurodegeneration and neuro injury
b. Identification of underfunded areas/phases with high potential impact
c. Consensus statements or position papers from leading neuroscience research bodies

6. Process:

a. Refer to SAF process

Next Steps


ReMIND Concept
ReMIND Implementation
NTF implementation
Potentially through:
• Expanding ReMIND (DISC)
• Input in prioritization of neuro diseases for clinical programs (TRAN/CLIN)
• Specific calls?
NTF (Neuropsych /Neurodev)
NTF
NTF ND
2023
2024
2025
…
SAF Kickoff
SAF/NTF Recs
SAF
SAF Implementation
2024
2025
…