

Potential Funding Structure to Advance CIRM Neuro Strategy

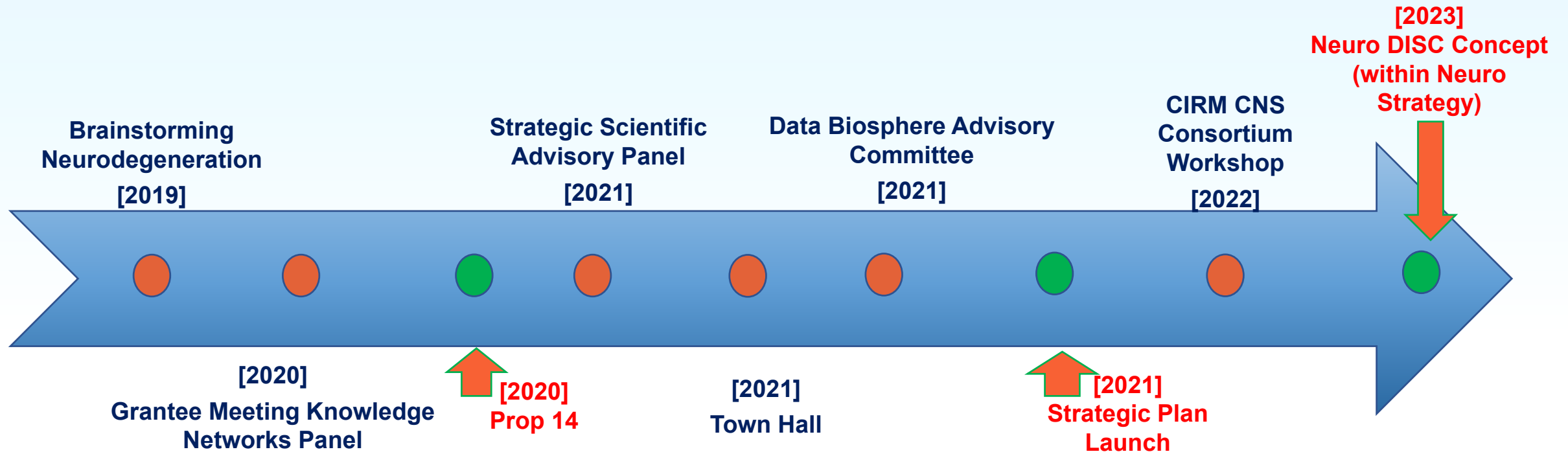
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March 13th, 2023



Background and Rationale



- **Major gaps in our understanding of the mechanisms** underlying normal and disease processes in the brain (including **neuropsychiatric**)
- **Consortium approach** – leverage genomics/big data/novel stem cell models/patient data – Collaboration
- **Promoting knowledge sharing**
- **Expand shareable resources** – Shared resources and data as critical elements for accelerating research, complex diseases

CIRM's Pillar Programs & Investments



DISCOVERY

\$1.1B



TRANSLATION

\$523M



CLINICAL

\$1.1B



EDUCATION

\$430M



INFRASTRUCTURE

\$489M

Prop 14 era

\$75M*

\$97M

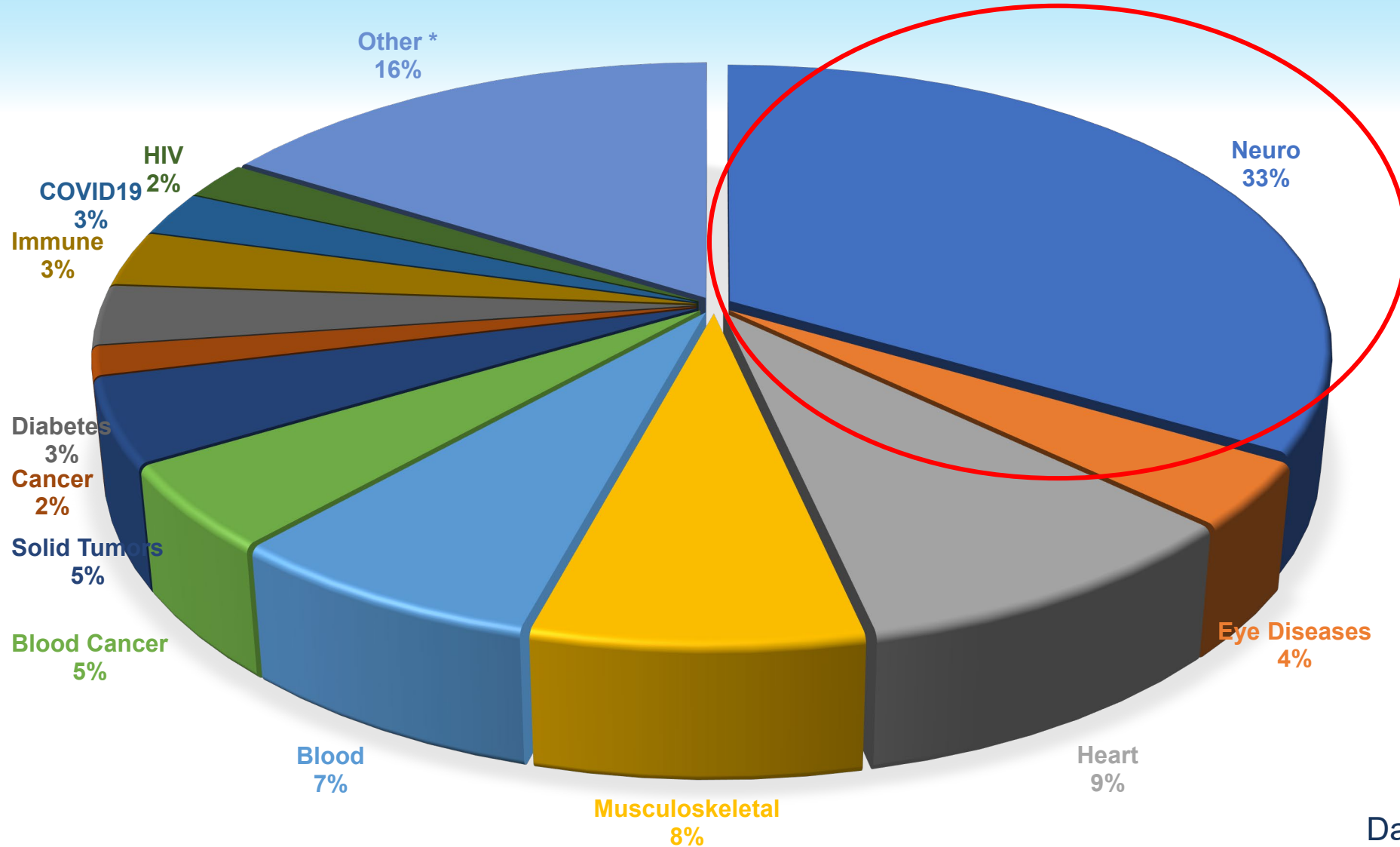
\$216M*

\$190M

\$72M

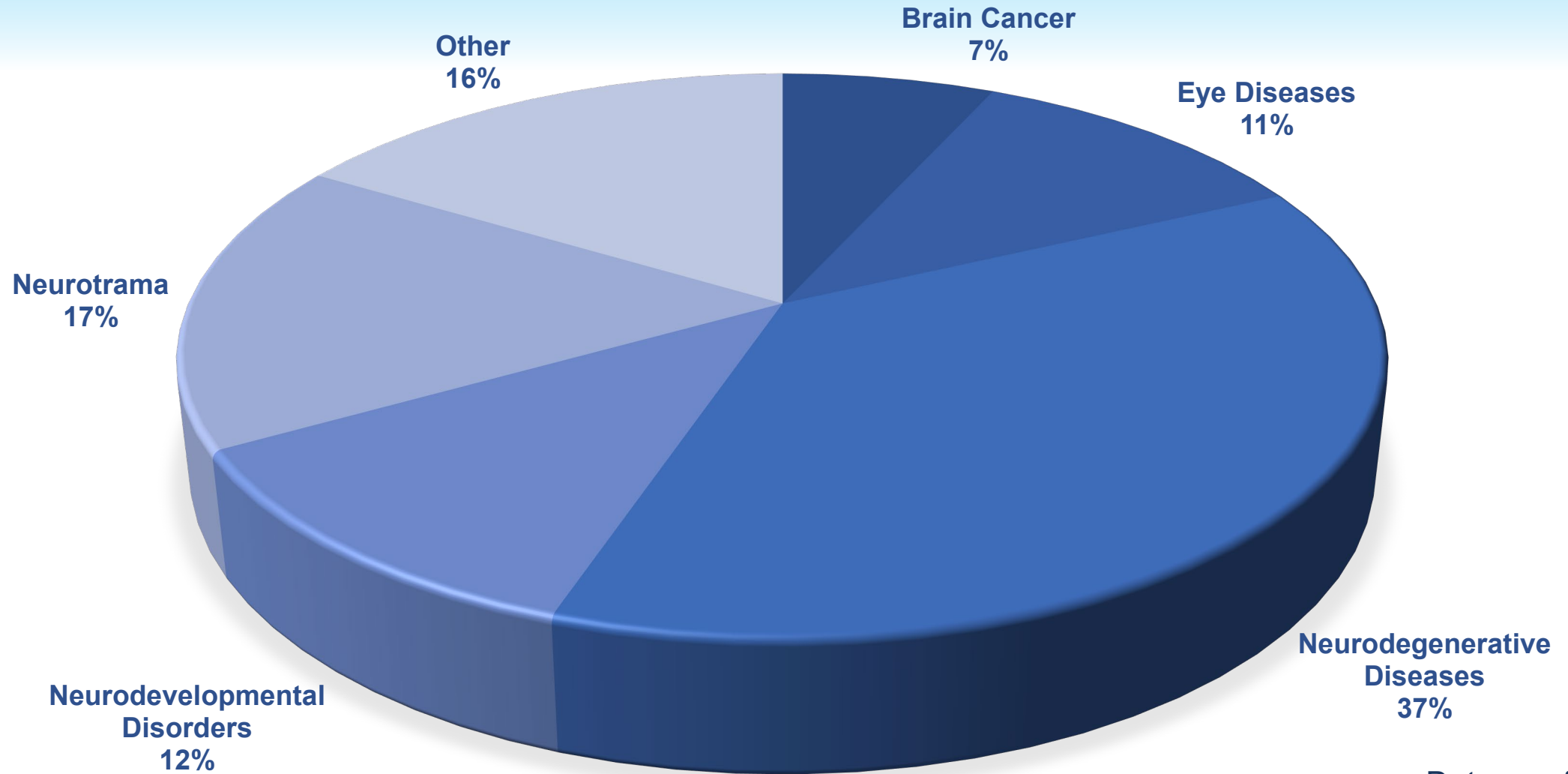
\$3.7B in total grants to date

By Diverse Disease Etiologies



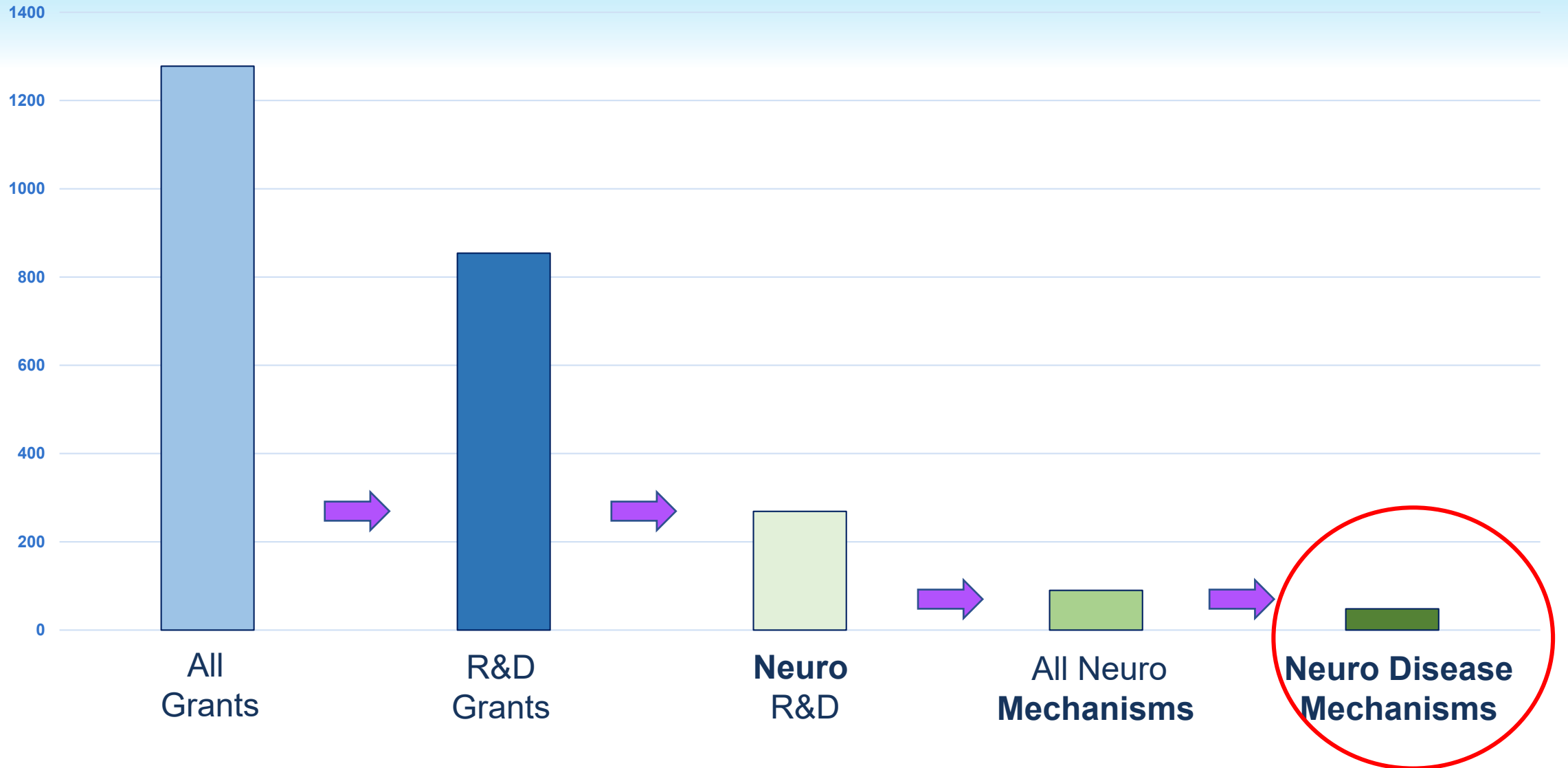
Data as of: Dec 2022
% normalized to total R&D awards

By Diverse Disease Etiologies

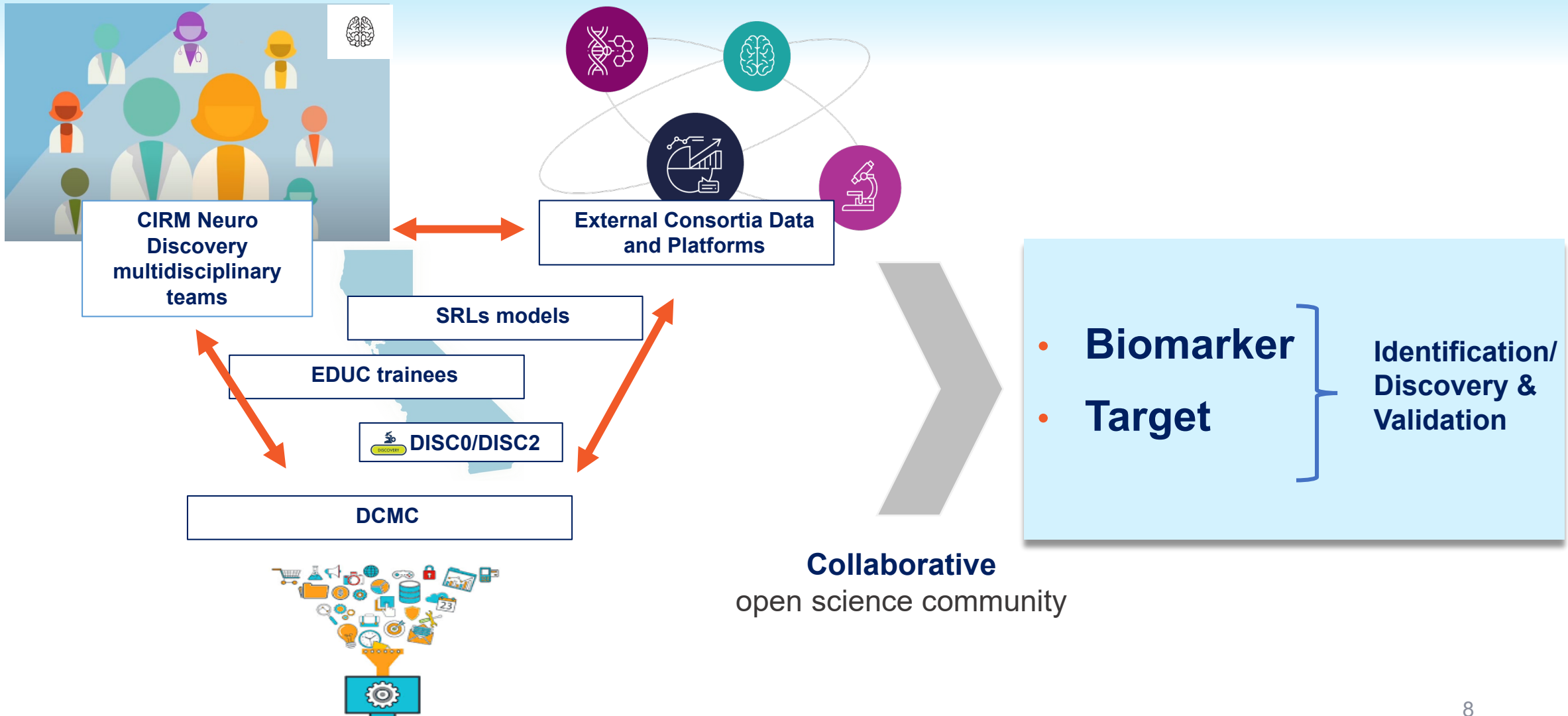


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Neuro Focus - Disease Mechanism minimal



Potential Format for Driving a Neuro-based program



Objectives of collaborative RFA

1. **Focus on Foundational Biology** - Advance the fundamental science of neurodegenerative, **neuropsychiatric** and/or neurodevelopmental diseases
2. **Collaboration** – Incentivize and catalyze an open collaborative **multidisciplinary** science (+ data) ecosystem*
3. Motivate and support innovative, **bold, transformative new ideas and tools** that address fundamental challenges in CNS disease biology
4. Attract **new talent and expertise** into the fields
5. **Leveraging and connecting with CIRM's existing infrastructure of programs****

* This is inherently dependent on Data INFR (DCMC concept/project and DSMP implementation)

** Competency Hubs (SRL, others...) and INFR platforms (DCMC, Educ, Manufacturing, other...)

Phase 1 – Planning Award

Goal: Team gathering/Proposal Development

- Timing: 6 months
- Data collaborative plan *****/including leveraging with external consortia

Phase 2 – Research Award - Project Implementation/Collaboration (3-5 years) *

Thank you

Questions