

NCATS Strategic Planning: Co-Designing a Plan for the Decade Ahead

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Stakeholder Roundtable
May 9, 2023



Roundtable Agenda

12:00 p.m.	Introductory Remarks and Vision Presentation
12:25 p.m.	Move to Breakout 1
12:30 p.m.	BREAKOUT 1 Discussion
12:55 p.m.	Return to Main room – Move to Breakout 2
1:00 p.m.	BREAKOUT 2 Discussion
1:25 p.m.	Return to Main room for closing remarks



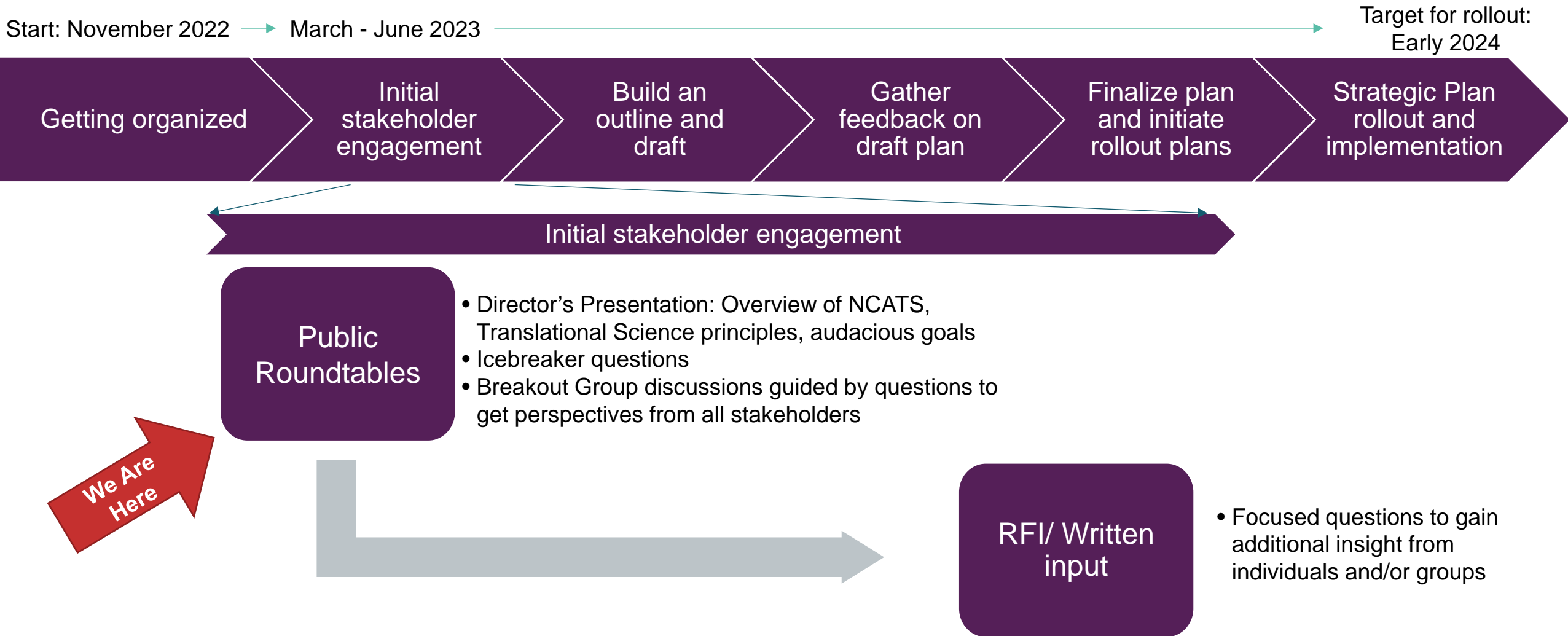
NCATS Strategic Plan: Building for the years ahead



What will our strategic plan do?

- Align with NCATS' mission and vision
- Echo our values
- Be audacious, yet attainable
- Create a roadmap with milestones for achieving success
- Provide a powerful tool for NCATS to succeed and to fail forward

Strategic Planning Process: Stakeholder Engagement

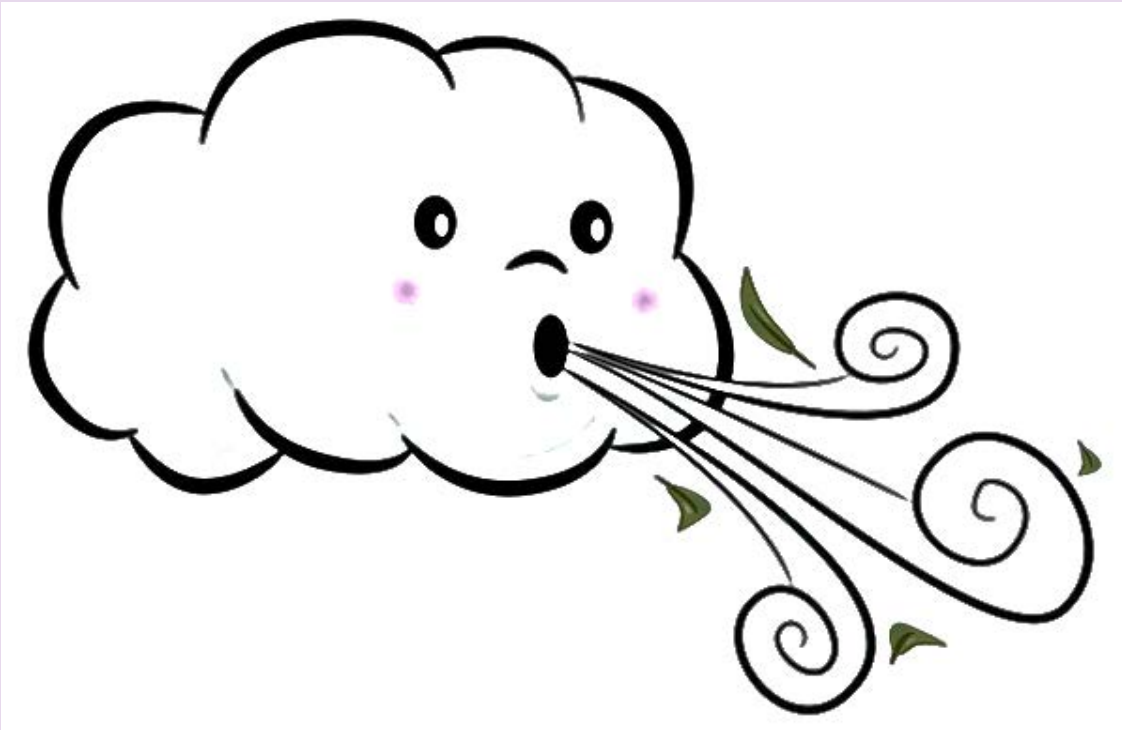


Roadmap for the Decade Ahead

Together, with you and the broader community, NCATS is co-designing a strategic plan that will serve as the roadmap to achieving our audacious goals



Breaking the ice with word clouds



When you think of NCATS, what words come to mind?

What do you think is the most important activity that NCATS does?

The Public Health Challenge

10,000

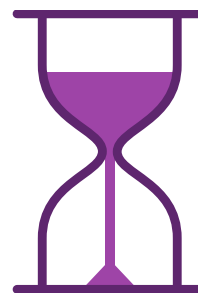
Diseases



and only

5%

Have
Treatments
or Cures



Time from early
development to the
medicine cabinet takes
10-15 years.

9 out of 10

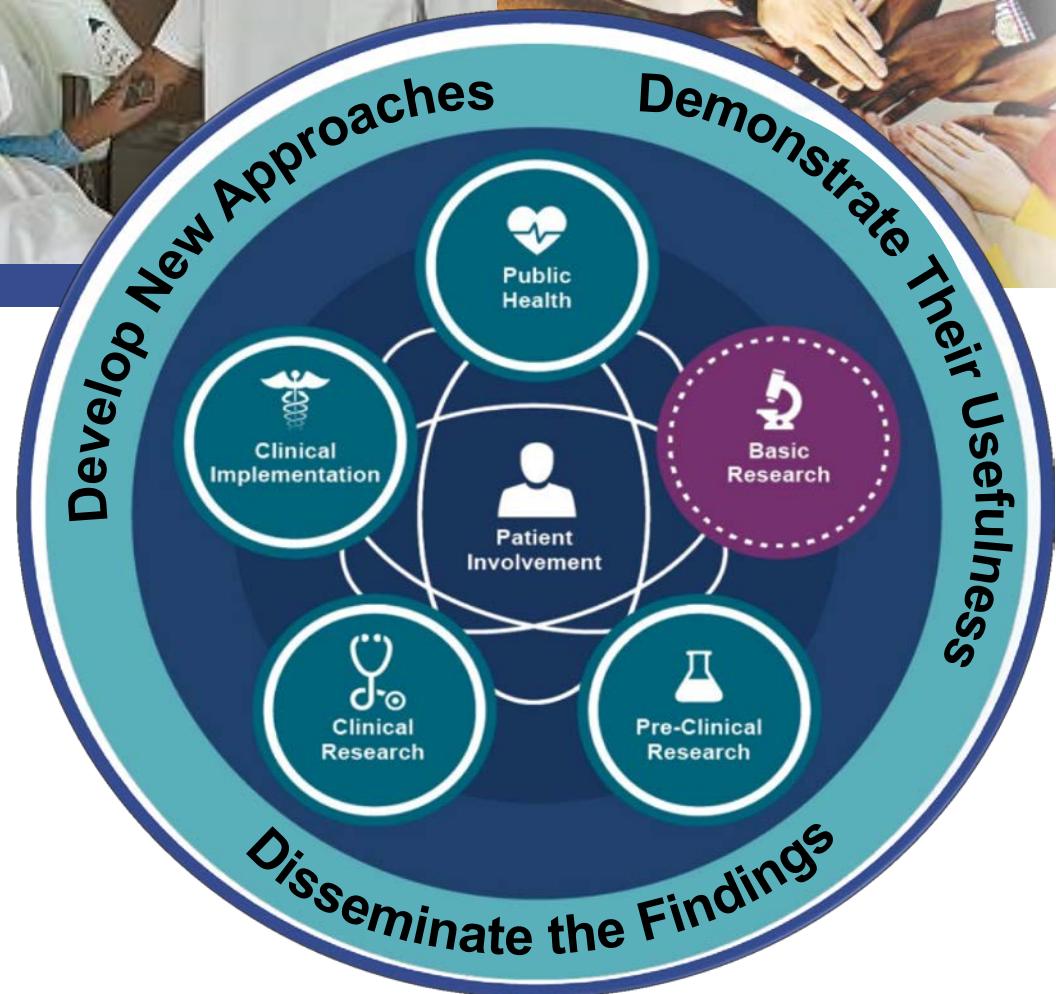
Promising therapeutic candidates
that enter clinical trials fail.





NCATS' Mission

Turn research observations
into health solutions through
translational science



Translational Science

Translational Science is the field that generates scientific and operational innovations that overcome longstanding challenges along the translational research pipeline.



Prioritize initiatives that address unmet needs



Produce crosscutting solutions for common and persistent challenges



Emphasize creativity and innovation



Leverage cross-disciplinary team science



Enhance the efficiency and speed of translational research



Utilize boundary-crossing partnerships



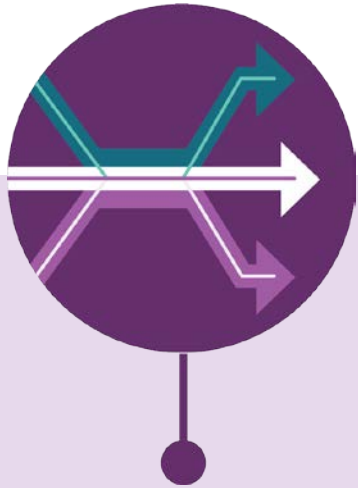
Use bold and rigorous research approaches



Advance diversity, equity, inclusion and accessibility in research

About NCATS

NCATS is using translational science approaches to tackle ongoing challenges in translational research so that new treatments reach people faster.



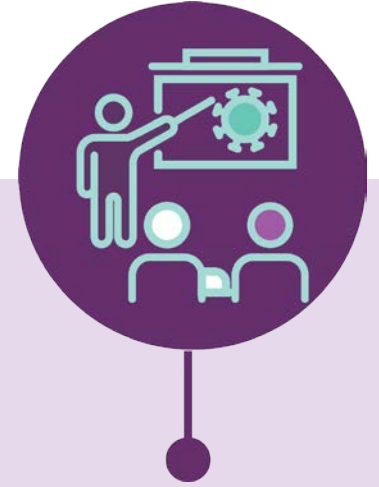
Understanding
what's similar
across diseases to
spur multiple
treatments at a time



Developing models
that better predict a
person's reaction to
a treatment

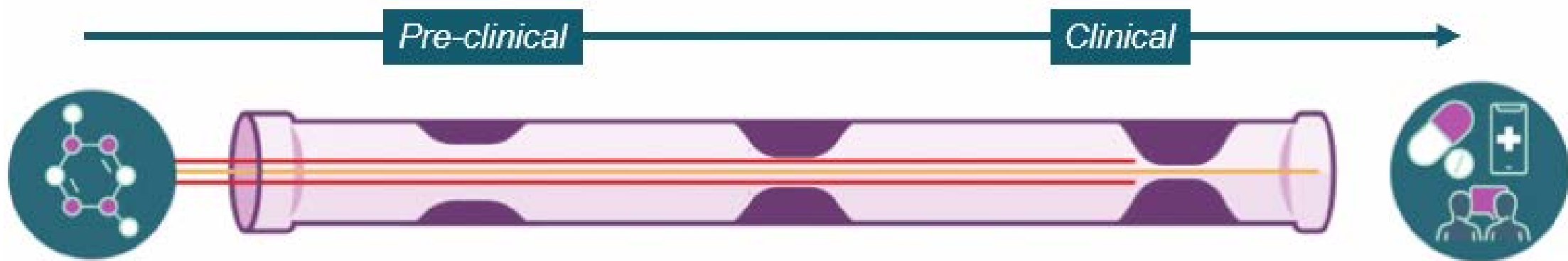


Enhancing clinical
trials so the results
more accurately
reflect the patient
population



Leveraging real-
world data and data
science approaches
to address public
health needs

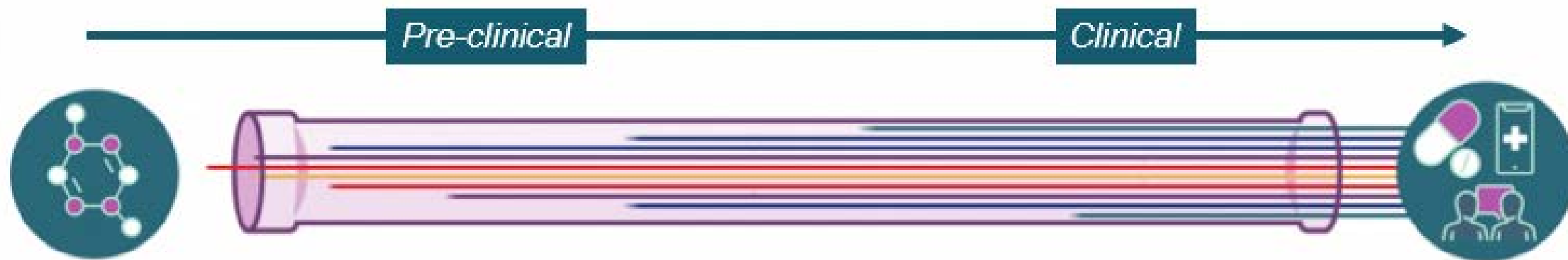
Re-engineering the Translational Pipeline



Bottlenecks:

- Administrative burden for study start-up
- Insufficient tools and technologies to predict toxicity and efficacy of new drugs
- Low enrollment and lack of diversity in clinical trials
- Incompatible databases

Re-engineering the Translational Pipeline

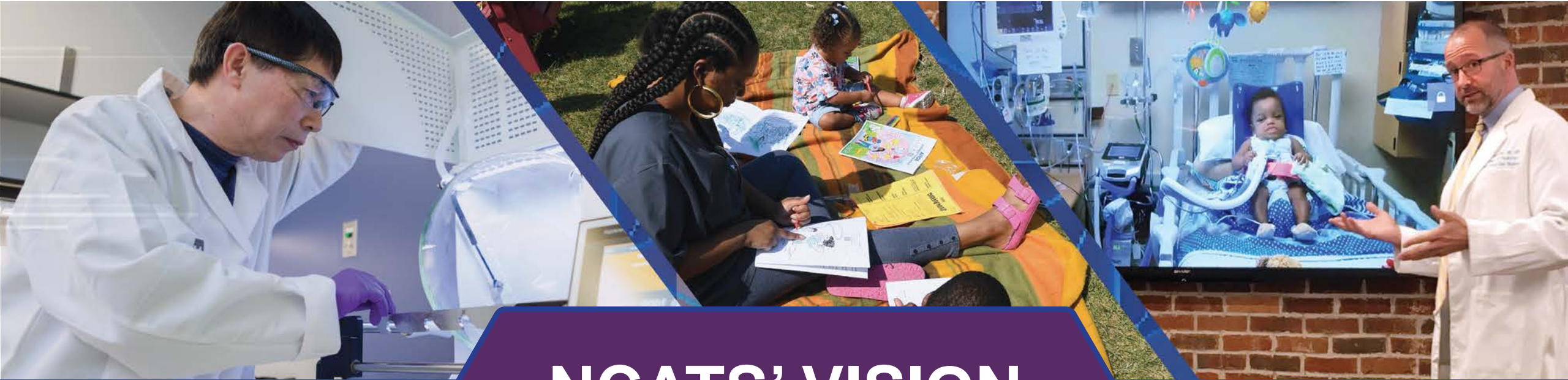


Bottlenecks:

- Administrative burden for study start-up
- Insufficient tools and technologies to predict toxicity and efficacy of new drugs
- Low enrollment and lack of diversity in clinical trials
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Solutions:

- Streamlined business and regulatory processes
- Platform- based approaches to study multiple diseases at a time
- Innovative and adaptive clinical trial design
- Large-scale data interoperability and integration

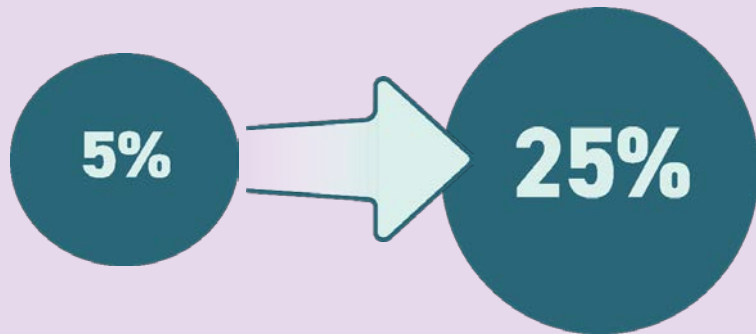


NCATS' VISION

**More treatments for all people
more quickly**

Three Audacious Goals

More Treatments



**Five-Fold Increase
in Number Diseases with
a Treatment in
Development**

All People



**Dramatically Increase
Diversity, Equity, Inclusion
and Access Across Every
Area We Support**

More Quickly



**Enable Diagnostics and
Therapeutics to Reach
People Twice as Fast**

Other areas on the radar for strategic planning

Data Science

Stewardship & Operations

Education and Training

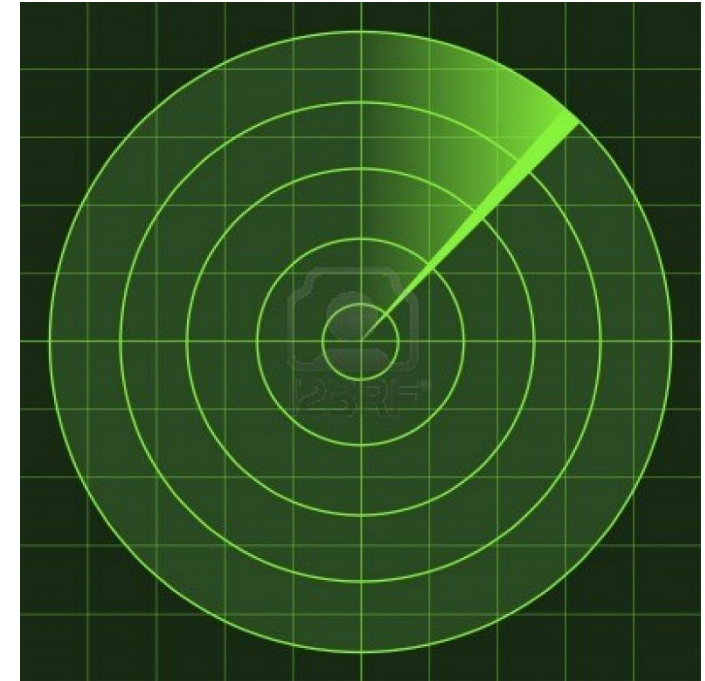
Public-private Partnerships, Collaborations, Team Science

Policy development to advance successful translation

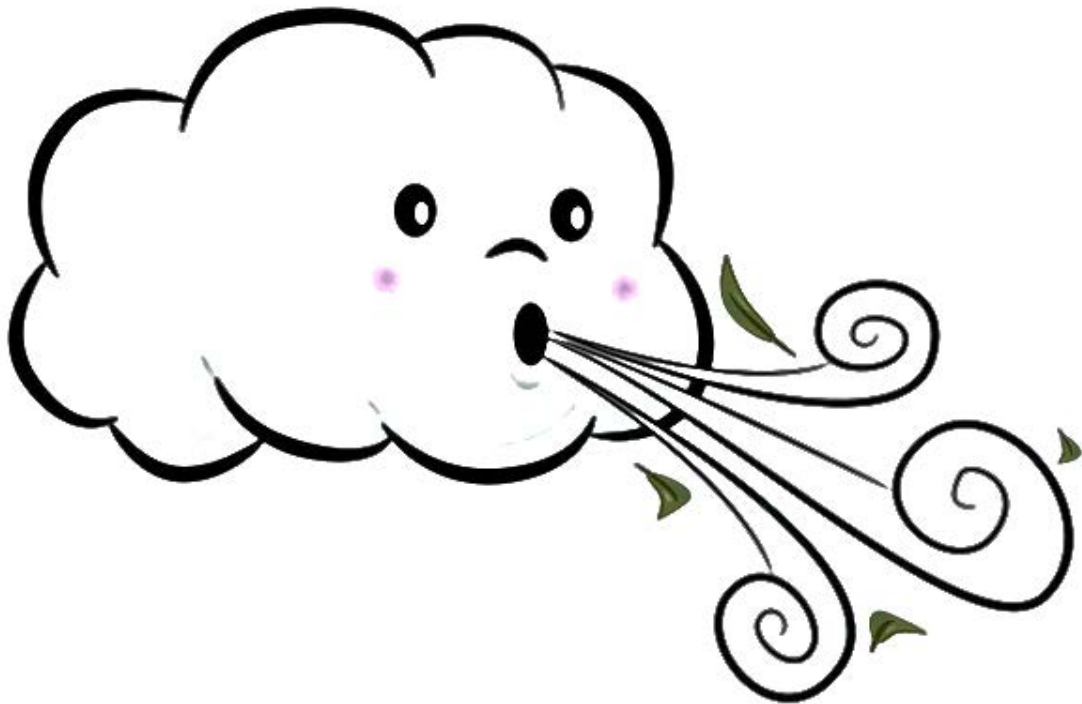
Patient-centric designs and connections

Communication, Engagement, and Dissemination

Global opportunities



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With the vision of more treatments for all people more quickly, are there particular aspects from a community standpoint that would benefit from an NCATS focus?



Breakout Sessions

You will be asked to choose a breakout group based on your indicated selections at registration.

Note: Due to the large number of people who selected “Research”, your flexibility on whether you attend that group during the first or second breakout session is appreciated!

If you do not end up in the correct breakout room, you can request to leave the room and select a new breakout room.

	<u>Breakout Schedule</u>
12:30 p.m.	BREAKOUT 1 Discussion
12:55 p.m.	Return to Main room – go to Breakout 2
1:00 p.m.	BREAKOUT 2 Discussion
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All Breakout Groups will discuss the same questions from one of the following perspectives:

1. Research
2. Patient and Community Engagement
3. Training and Education
4. Diversity, Equity, Inclusion and Accessibility

Breakout Discussion Questions



All Breakout Groups will discuss the same questions from one of the following perspectives:

- 1) Research
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- 3) Training and Education
- 4) Diversity, Equity, Inclusion and Accessibility

What is the biggest opportunity you see to make progress toward bringing more treatments for all people more quickly? How would you know it's succeeding?

What are the unmet needs or gaps in translation (turning a research observation into a health solution) that should be addressed by NCATS?

What is missing with the vision of more treatments for all people more quickly and cross-cutting themes/other topic areas (including key translational science topics)?

What else should NCATS be considering during strategic planning?

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NCATS

COLLABORATE. INNOVATE. ACCELERATE.

We want to hear from you!

Visit our [Strategic Plan website!](#)

Stay Tuned for the public Request For Information (RFI).

Questions? Email the team:

NCATS2024StrategicPlan@mail.nih.gov



Thank You!



NIH National Center
for Advancing
Translational Sciences