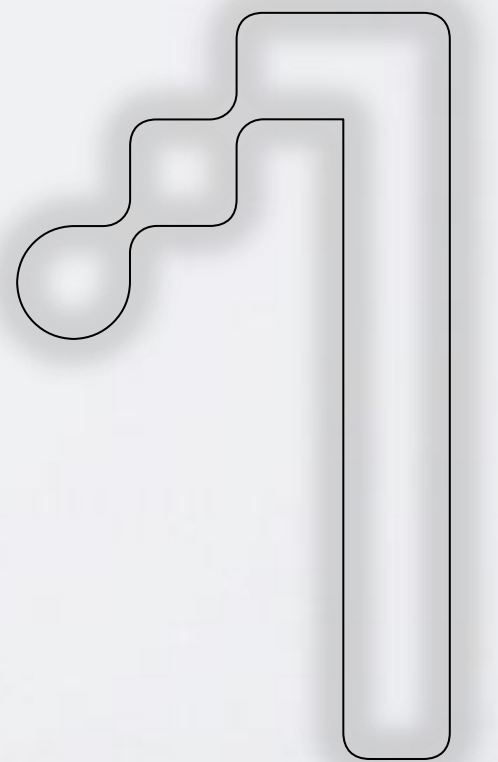




Nucleate Overview

A next-generation educational organization



Nucleate is a non-profit organization dedicated to empowering the next generation of biotech leaders

COMPANY FORMATION • PROFESSIONAL ADVANCEMENT • COMMUNITY BUILDING





We build culture and community in life sciences



Our Core Principles

- Provide open-access programming that democratizes biotech education
- Identify, educate, and develop the next generation of life science talent
- Spark new intellectual communities and build bridges within regional, national, and global biotech ecosystems
- Foster innovation and increase the quality & quantity of life science ventures from academia
- Increase accessibility of biotech career opportunities for all



We operate globally to deliver on our educational mission

US CHAPTERS

Arizona
Atlanta
Baltimore | DC
Bay Area
Boston
Chicago
Kentucky
Los Angeles
Michigan
New Haven
New Orleans
New York
Philadelphia
Pittsburgh
Research Triangle Park
Rhode Island
San Diego
Seattle
Texas

INTERNATIONAL CHAPTERS

Argentina
Australia
Baltics
Canada
Denmark
France UniCA
Germany
Global Virtual
India
Israel
Italy
Japan
Korea
Netherlands
Norway
Paris
Singapore
Spain
Switzerland
Taiwan
United Kingdom



800+

LEADERS

40

REGIONS

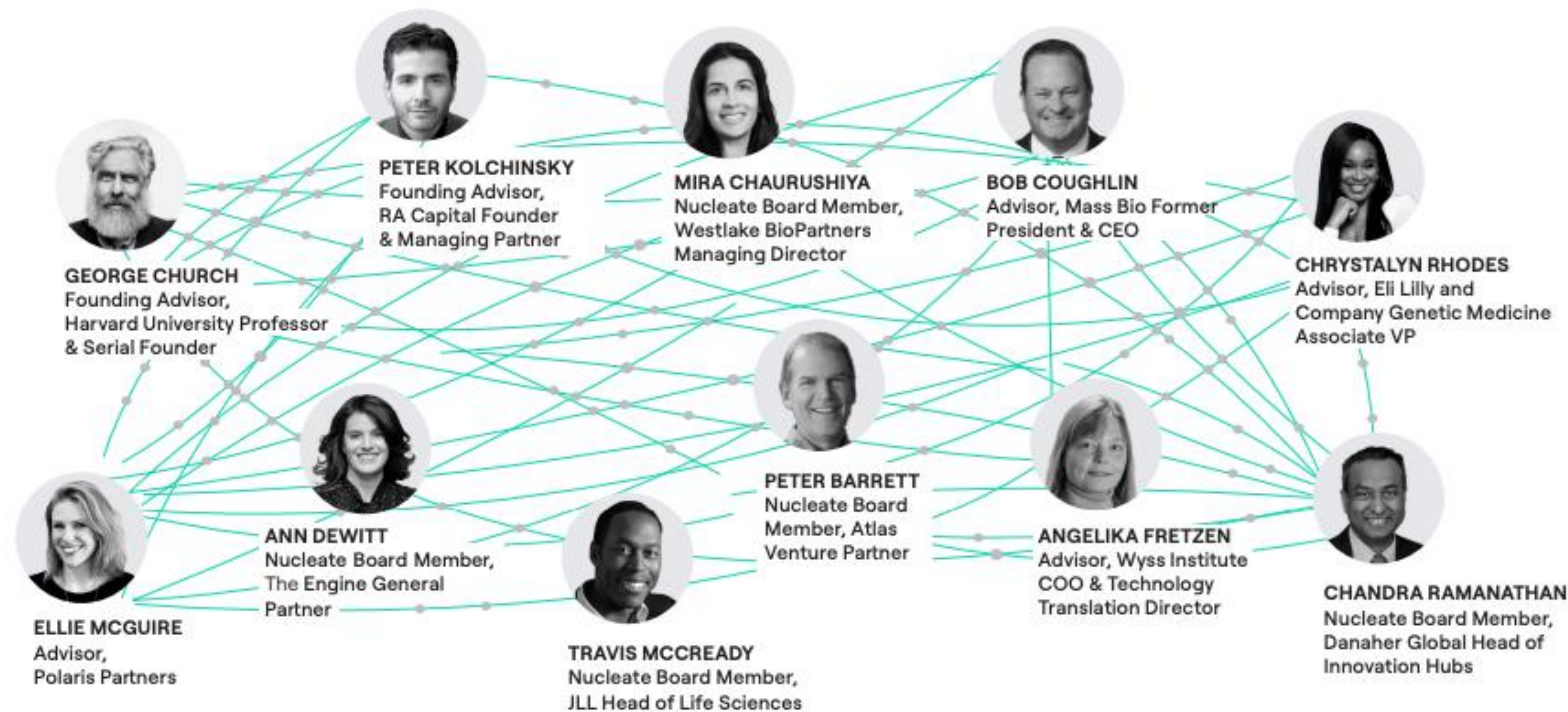
440+

INSTITUTIONS

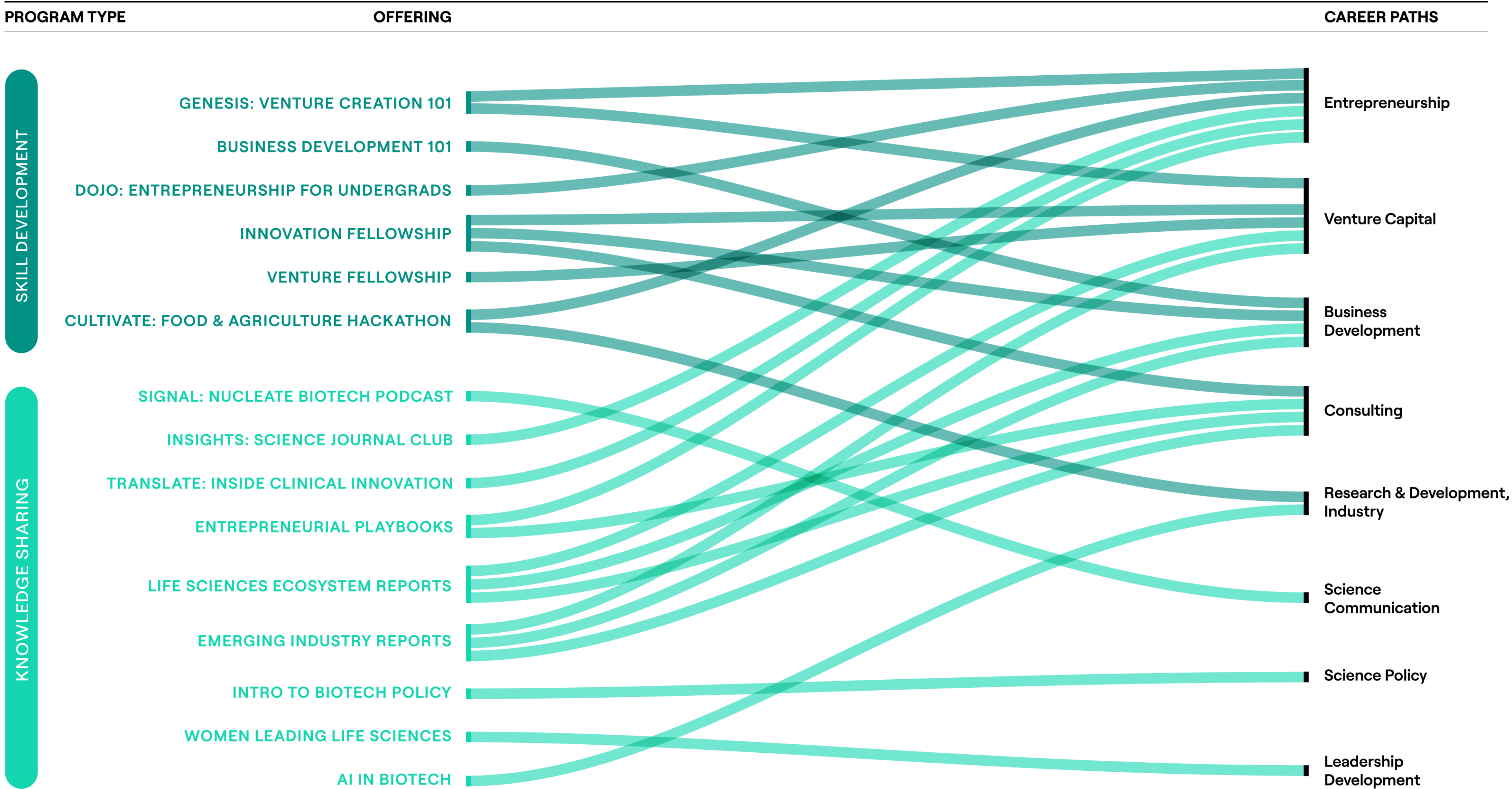
Our partner advisor network fuels our programming & initiatives



3000+ top industry experts, mentors, and alumni



But - Nucleate is much more than just the Activator...



2025-26 **New York** is led by trainees for trainees



Fariha Reza
CUNY



Patrick Wallisch
MSKCC



Vikas Malik
Columbia



Deepika Bhatnagar
Princeton



Sarah Chong
NYU



Tiffany Tsou
NYU



Brianna Berrios
NYU



Murat Yaman
NYU



Shelby Hackenburg
Columbia



Fatemah
Mukadum
NYU



Rafal Piwowarczyk
Rockefeller



Nancy Zhang
Mount Sinai



Jae Lee
Rutgers



June Ahn
Columbia



Alexander Chung
Mount Sinai



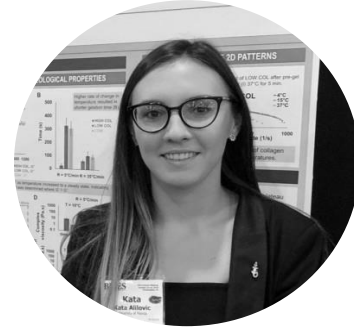
Shirley Cai
Columbia



Noem Nitzan
NYU



Jillian Hoffstadt
NYU



Kata Alilovic
Weill Cornell



Jiyun Shin
NYU



Raphael Geissen
MSKCC



Pranita Atri
MSKCC



Alejandro
G. Perales
Mount Sinai



Kaitlyn Pierpont
Weill Cornell



Ryan Kwok
CUNY



Zaynah Monsoor
NYU



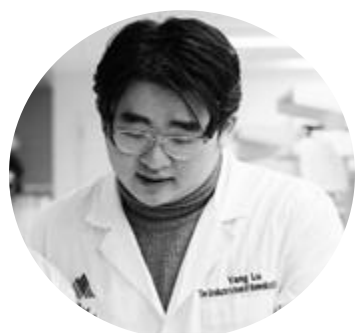
Ha Nguyen
Mount Sinai



Yichen Weng
Princeton



Vanessa Roser
Princeton



Yang Lu
Mount Sinai

Our Volunteer leaders play a vital role in community building



Siddarth Goel
NYU



Sae Yokoyama
Princeton



Subha Baniya
MSKCC



Jason Stone
Columbia



Elliot Silk
NYU



Shay Behesti
Columbia



Pranav Reddy
Columbia



Audrey Wang
Columbia



Claire Wang
MSKCC



Andrew Kim
Princeton



Wesley Huang
Columbia



Preya Pandya
Columbia



Eugene Chung
CUNY



Shubhangi
Agarwal
Columbia



Brooke Dirvin
Columbia



Christine Yu
Weill Cornell



Sofia Moraes
Rockefeller



Evelyn Liang
Rutgers



Himanshu Gupta
Columbia



Monosij Mondal
Columbia



Veronica Uribe-
Echevarria
NYU



Riccardo Melani
NYU



Adithya
Prabakaran
MSKCC



Yiwei Sun
Columbia



Jihyun Park
Columbia



Niam Vora
Brooklyn Law
School



Aditi R
Kumar
Columbia



Adelajda Turku
Mount Sinai



Linsey Zhang
MSKCC

Advisors

Chichi Chang

Harshit Chellani

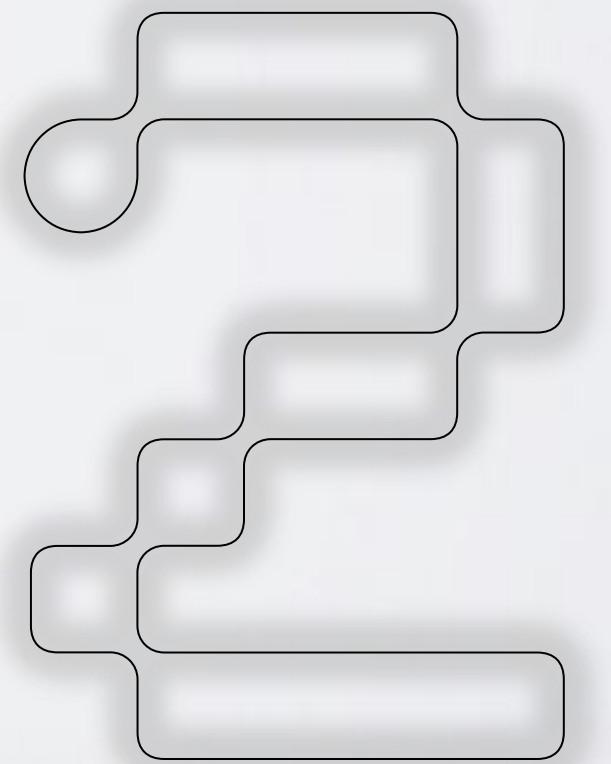
Yangjingyi Ruan

Joe Borello

Julia Zhao

The Activator

Our lead program for company formation





Two tracks focused on big challenges

BIO TRACK

Therapeutics

How do we develop safer and more effective drugs?

Diagnostics

How do we diagnose diseases more reliably, cheaply, and earlier?

Tools

How do we better understand and control biological systems?

ECO TRACK

Food & Agriculture

How do we feed humans nourishing food in a sustainable way?

Chemicals & Energy

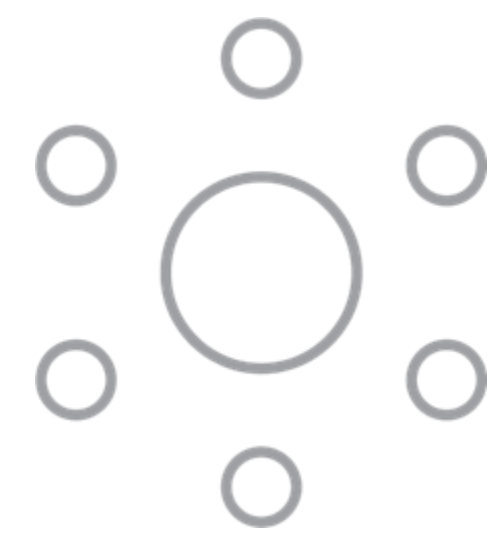
How do we produce chemicals and energy from more sustainable sources?

Consumer Products

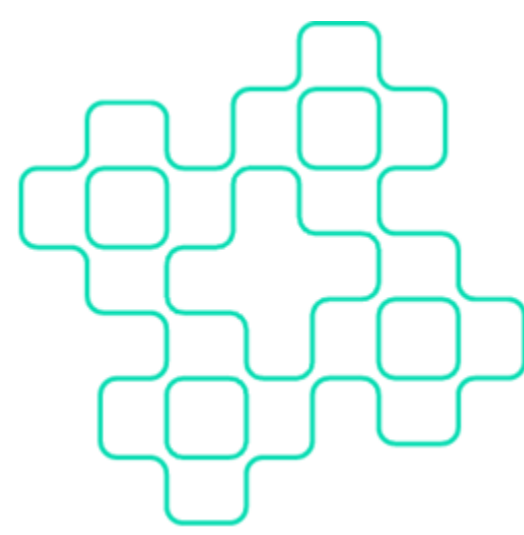
How do we sustainably manufacture consumer packaged goods & materials?



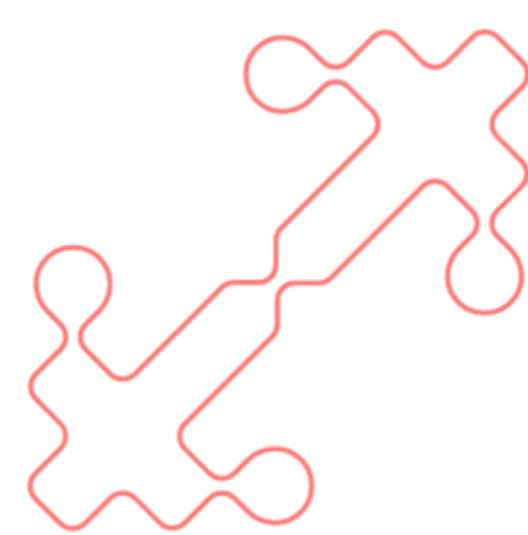
The Activator facilitates company formation in the life sciences through a structured matching process & curriculum



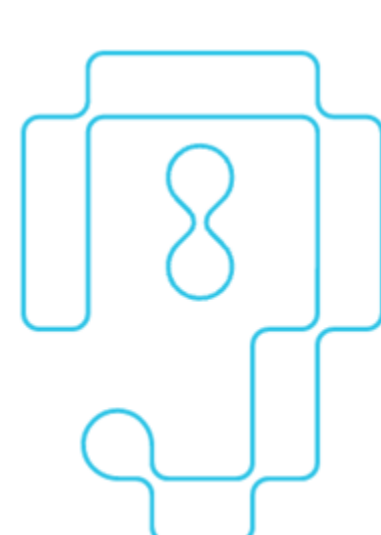
00.
SOURCING
INNOVATORS



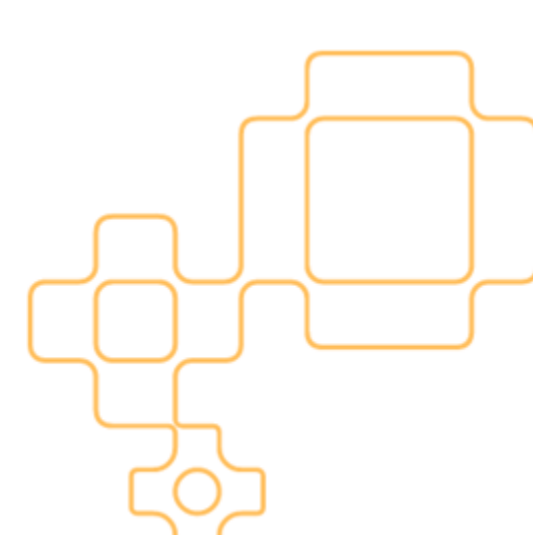
01.
TEAM
FORMATION



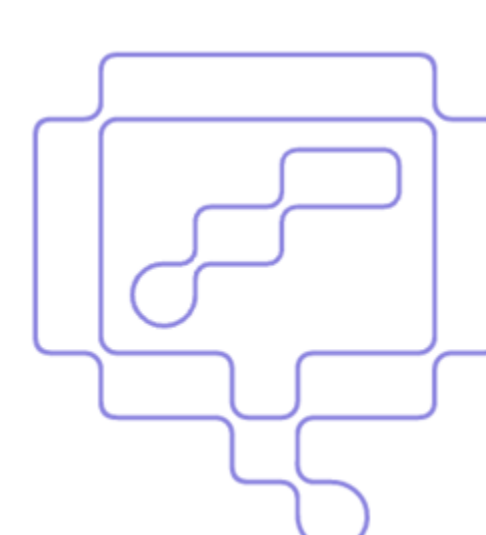
02.
STRATEGY
SUPPORT



03.
HANDS-ON
WORKSHOPS



04.
PROFESSIONAL
DEVELOPMENT



05.
DEMO DAY /
THE FORUM

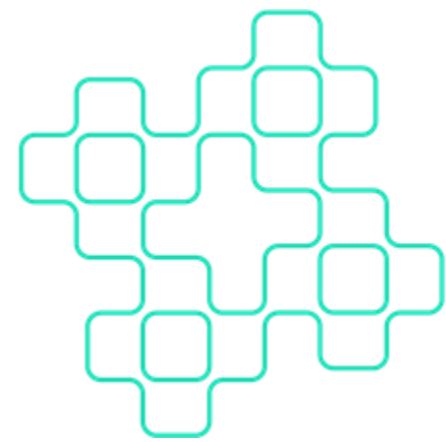


06.
GLOBAL
SUMMIT

NO EQUITY • NO FEES • TRAINEE FOCUSED • LIFE SCIENCE TAILORED

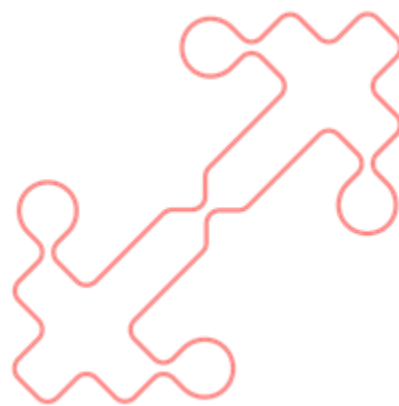


The Activator facilitates company formation in the life sciences through a structured matching process & curriculum



01 TEAM FORMATION

Align scientists, business trainees, and early professionals interested in building a venture. Facilitate mutual matching.



02 STRATEGY SUPPORT

Industry Mentors:
Long-term guidance from experienced entrepreneurs & biotech executives.

LEGAL STRATEGY
Navigate the IP and corporate law landscapes with guidance from legal experts from our network.

CLINICAL PARTNERS
Work with clinical residents to explore unmet clinical needs and interview KOLs.

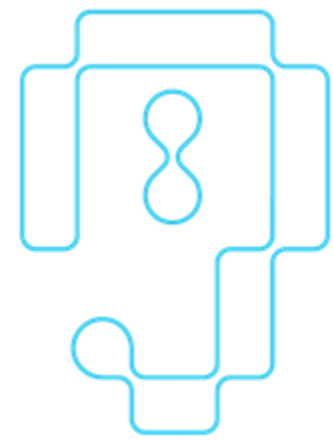
COHORT SELECTION
NOV 2025

COHORT LAUNCH
DEC 2025

*Timeline not to scale.

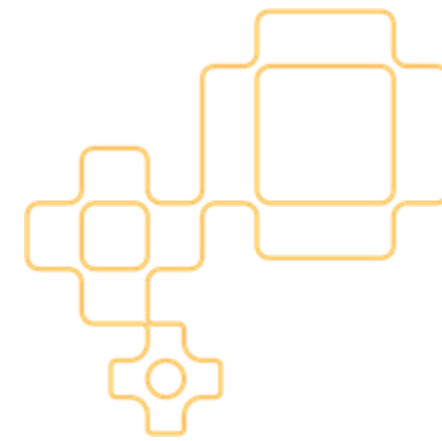


The Activator facilitates company formation in the life sciences through a structured matching process & curriculum



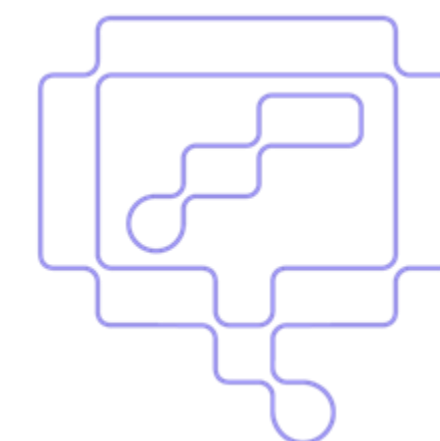
03 HANDS-ON WORKSHOPS

Iterate on key components of a science-first business thesis through deep-dive workshops with industry experts.



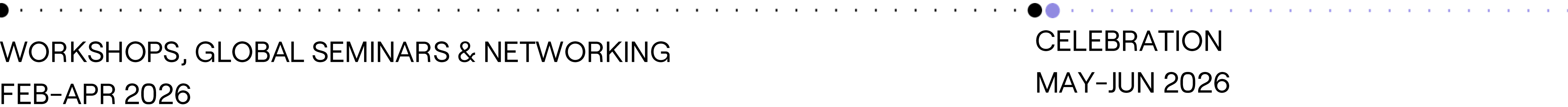
04 PROFESSIONAL DEVELOPMENT

Private global seminars with top KOLs. Enable networking with faculty, biotech executives, first-time founders, and investors.



05 DEMO DAY / THE FORUM

Teams connect with an audience comprising program mentors, renowned science entrepreneurs, industry veterans, and top-tier investors.



*Timeline not to scale.

On a Global Scale....



183+

NUCLEATE ALUMNI
COMPANIES

550+

MILLION RAISED

800+

NEW BIOTECH JOBS

03

CLINICAL STAGE
ASSETS



Our 2024 Activator cohort was the largest to date



24

REGIONS

150+

EVENTS

2,000

TOTAL
APPLICATIONS



202

FINALIST
VENTURE TEAMS



642

TOTAL TEAM
MEMBERS

500+

UNIVERSITIES
REPRESENTED

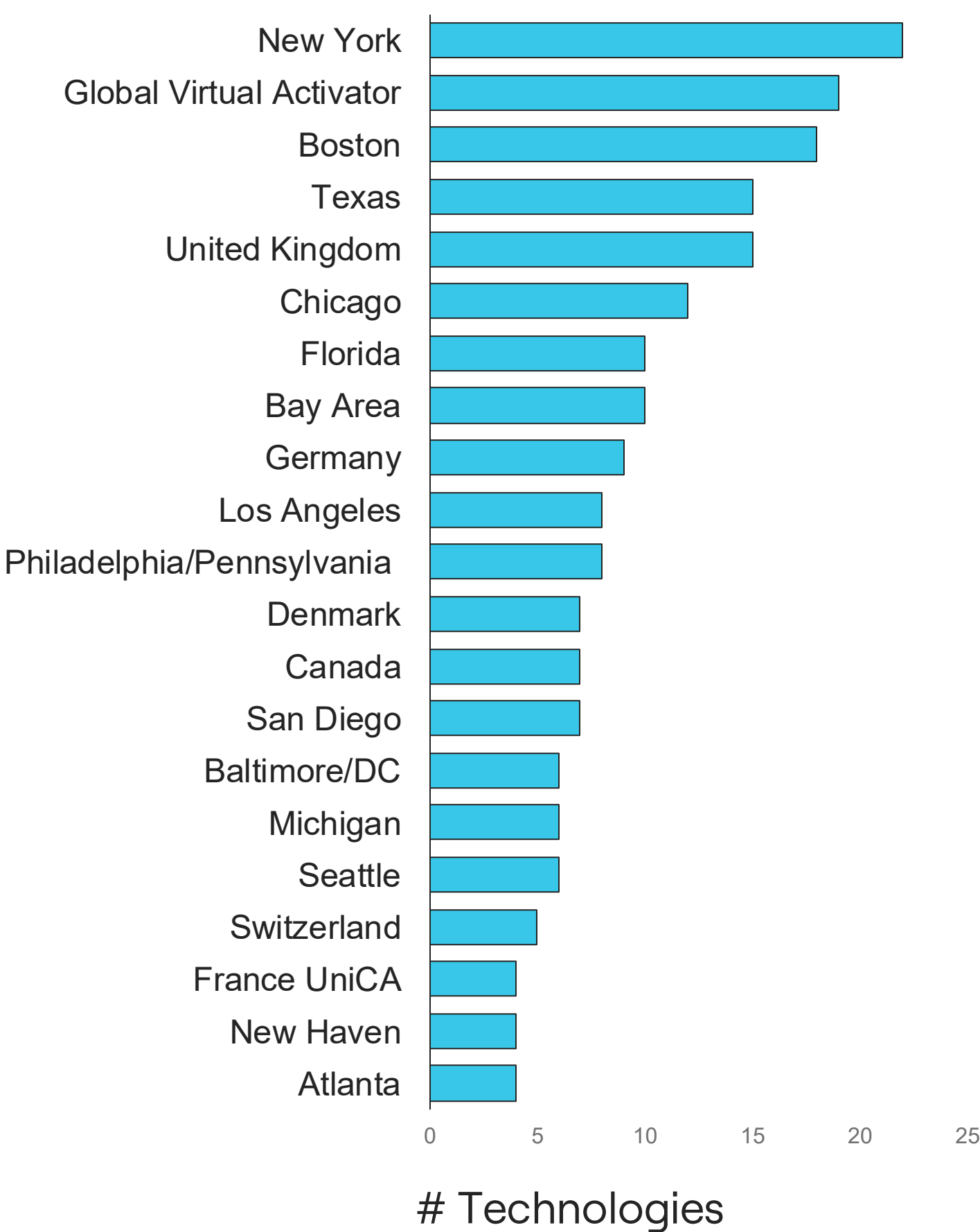
100+

UNIVERSITIES
REPRESENTED

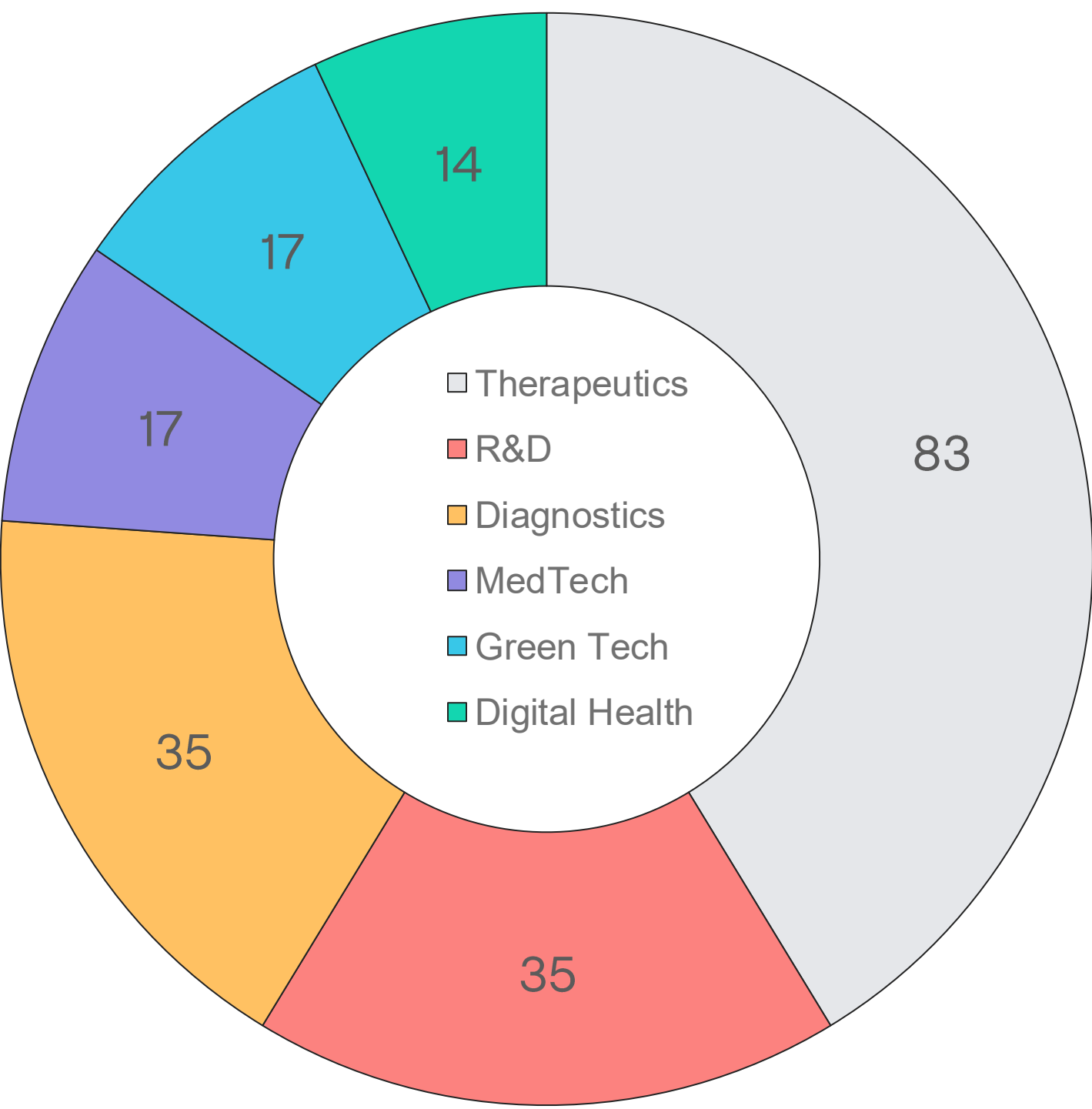
Our teams are distributed across geographies & focus areas



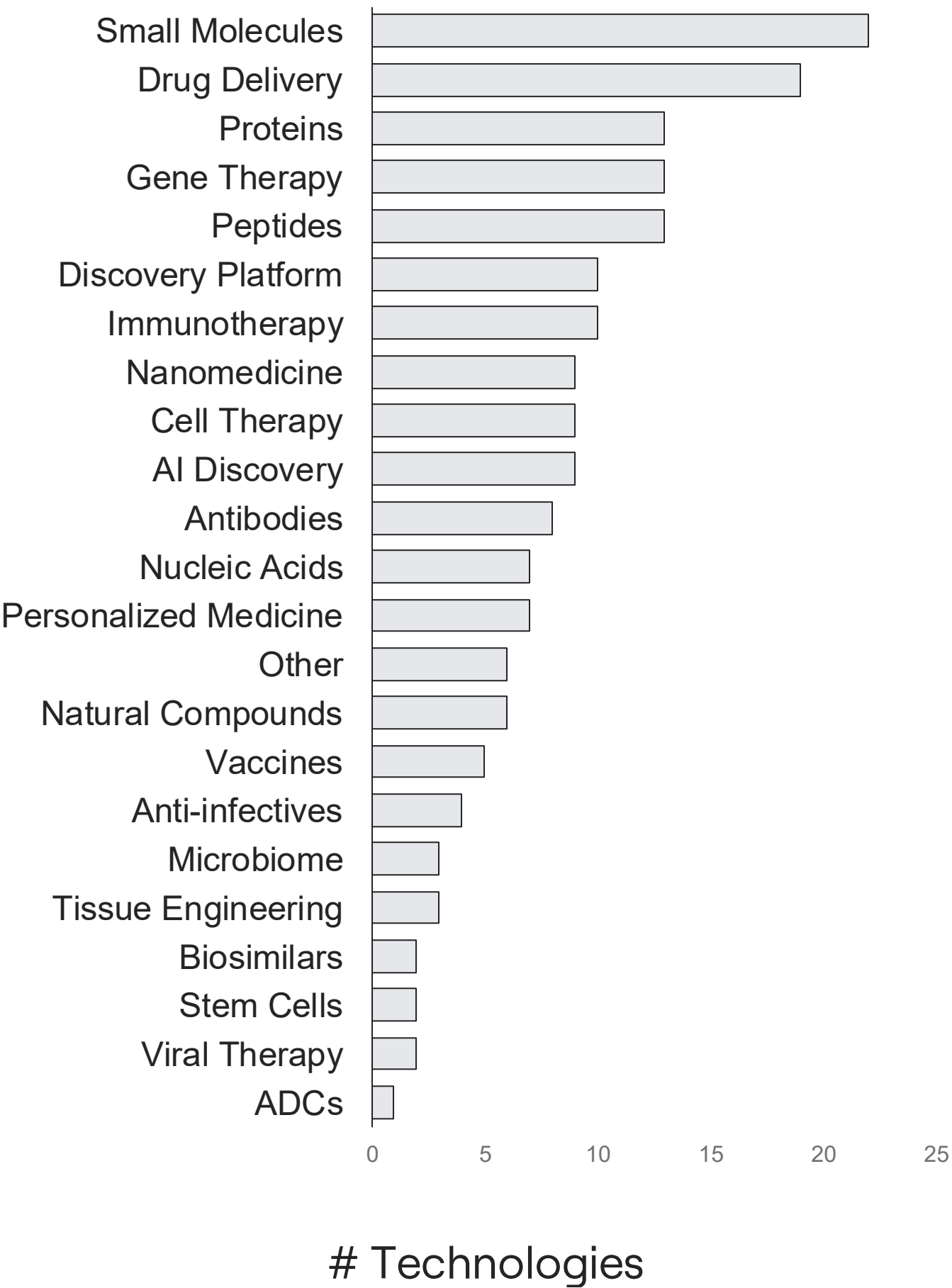
Geographic Distribution



Technology Distribution



Therapeutics Distribution



We identify and engage innovators at the earliest stage...



OVERVIEW

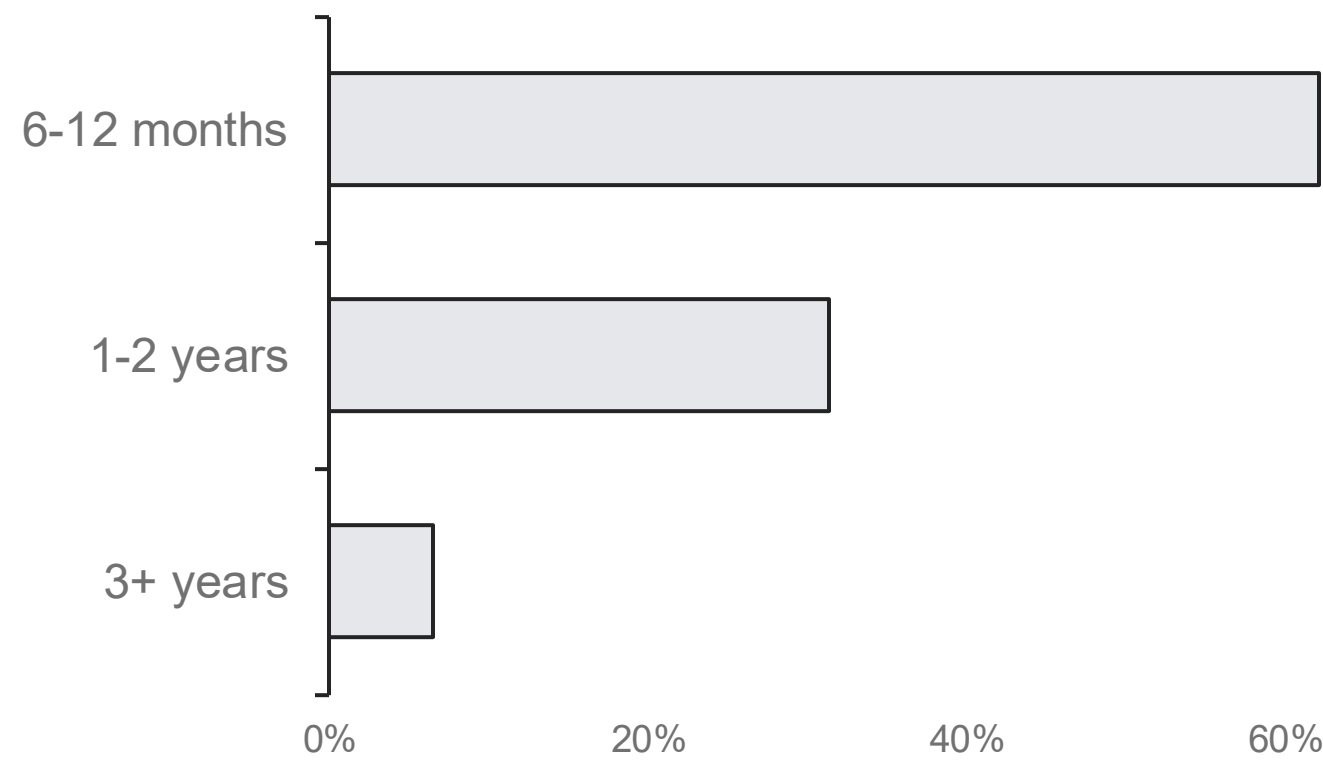
30%

INCORPORATED

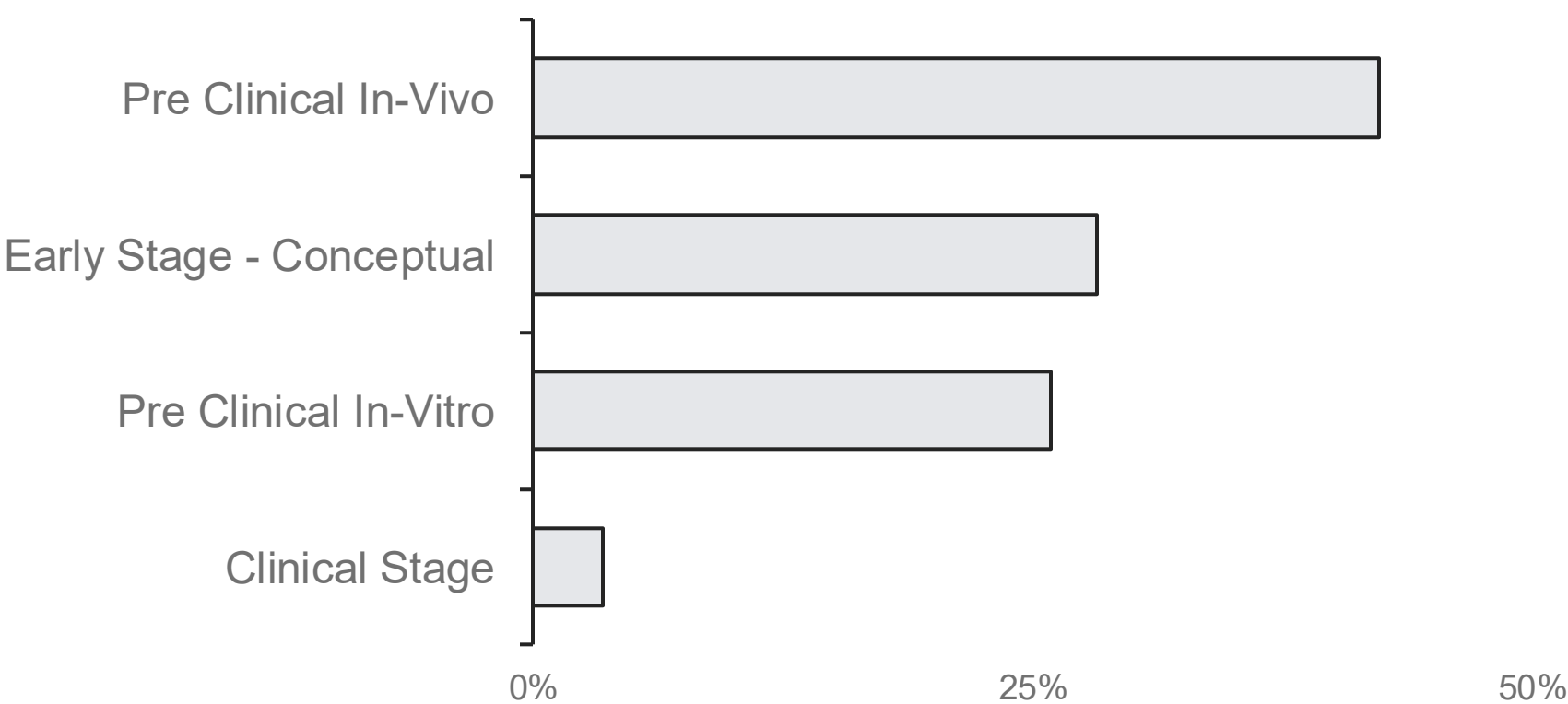
10%

RAISED DILUTIVE
CAPITAL

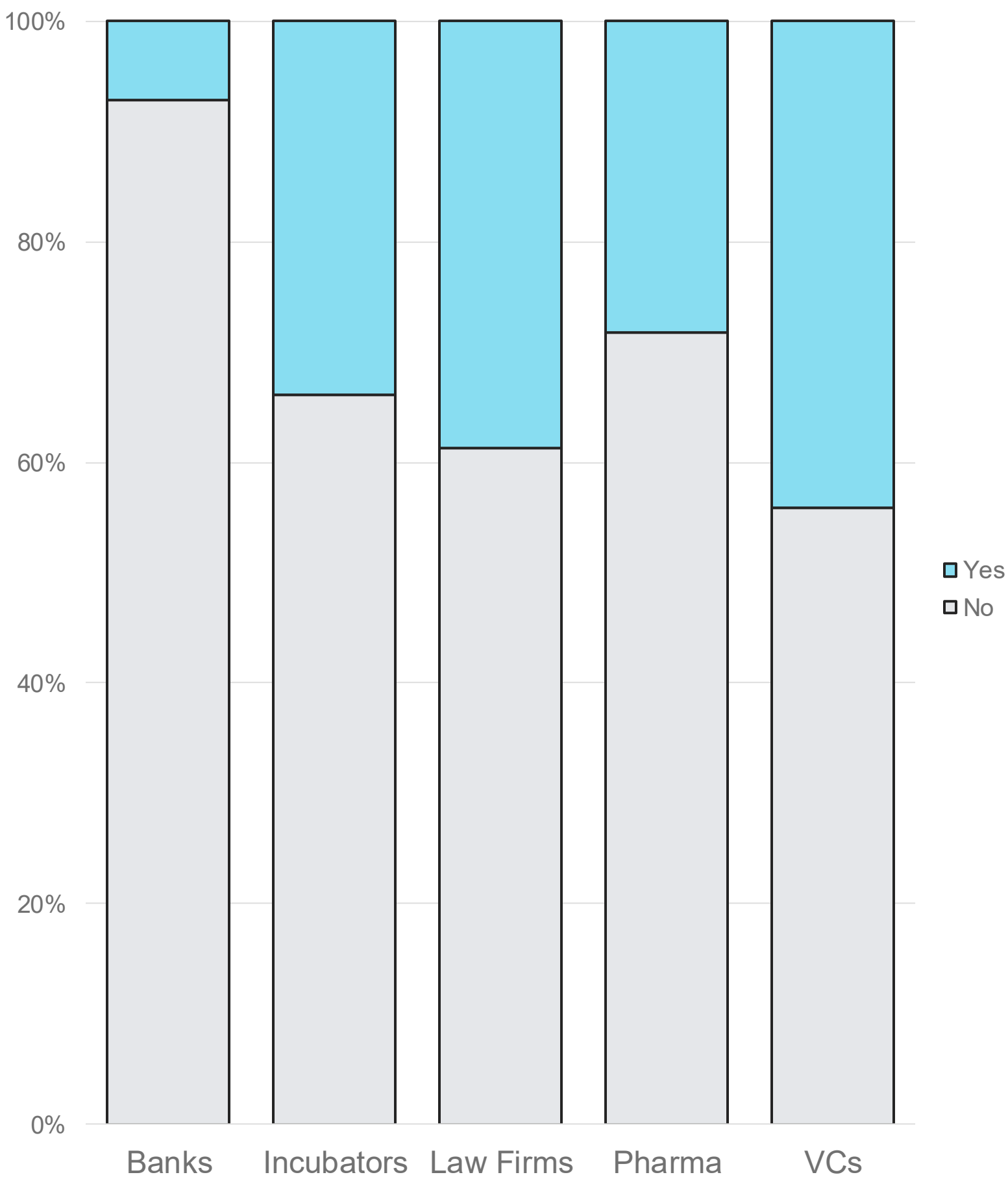
SPIN-OUT DATE



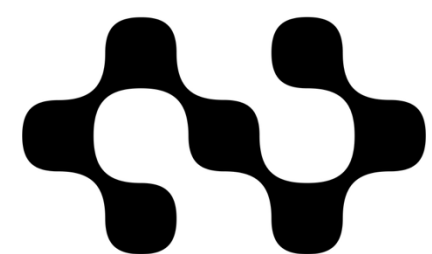
RESEARCH STAGE



ENGAGEMENT RATES

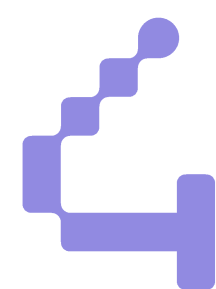


Nucleate New York Activator Highlights

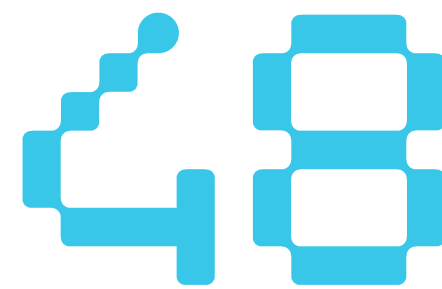


New York

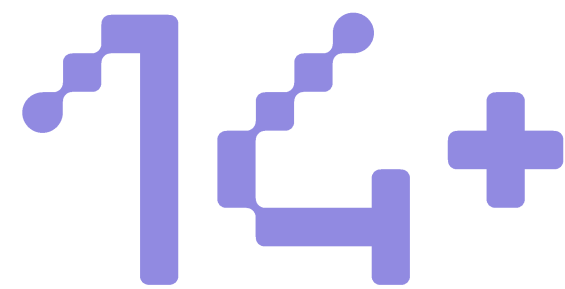
Founded in 2021



COHORTS



TEAMS SUPPORTED



MILLION RAISED



2022 Activator

IND submission for a First-in-Human Clinical Trial of an mRNA destabilizer for 2026targeting c-MYC-driven cancers
Phase 1 Trial slated



OsteoLogic

2022 Activator

Curie.Bio Company
Raised >\$9M in Seed Round

Curie.Bio



Nephrogen

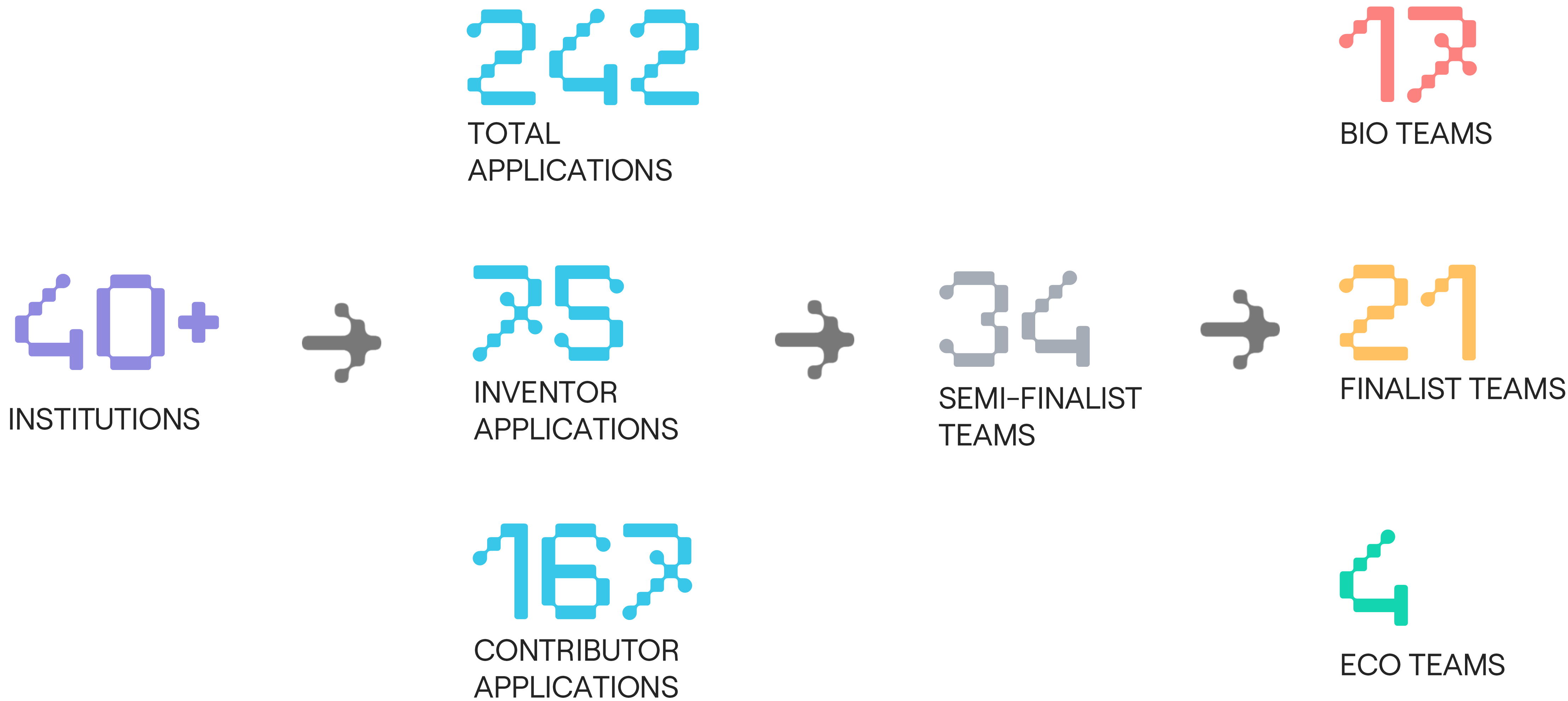
2023 Activator

Winners of the 2023 Alnylam BioVenture Challenge
2023 Bristol Myers Squibb Golden Ticket at
Biolabs @ NYU Langone



biolabs @
NYU LANGONE

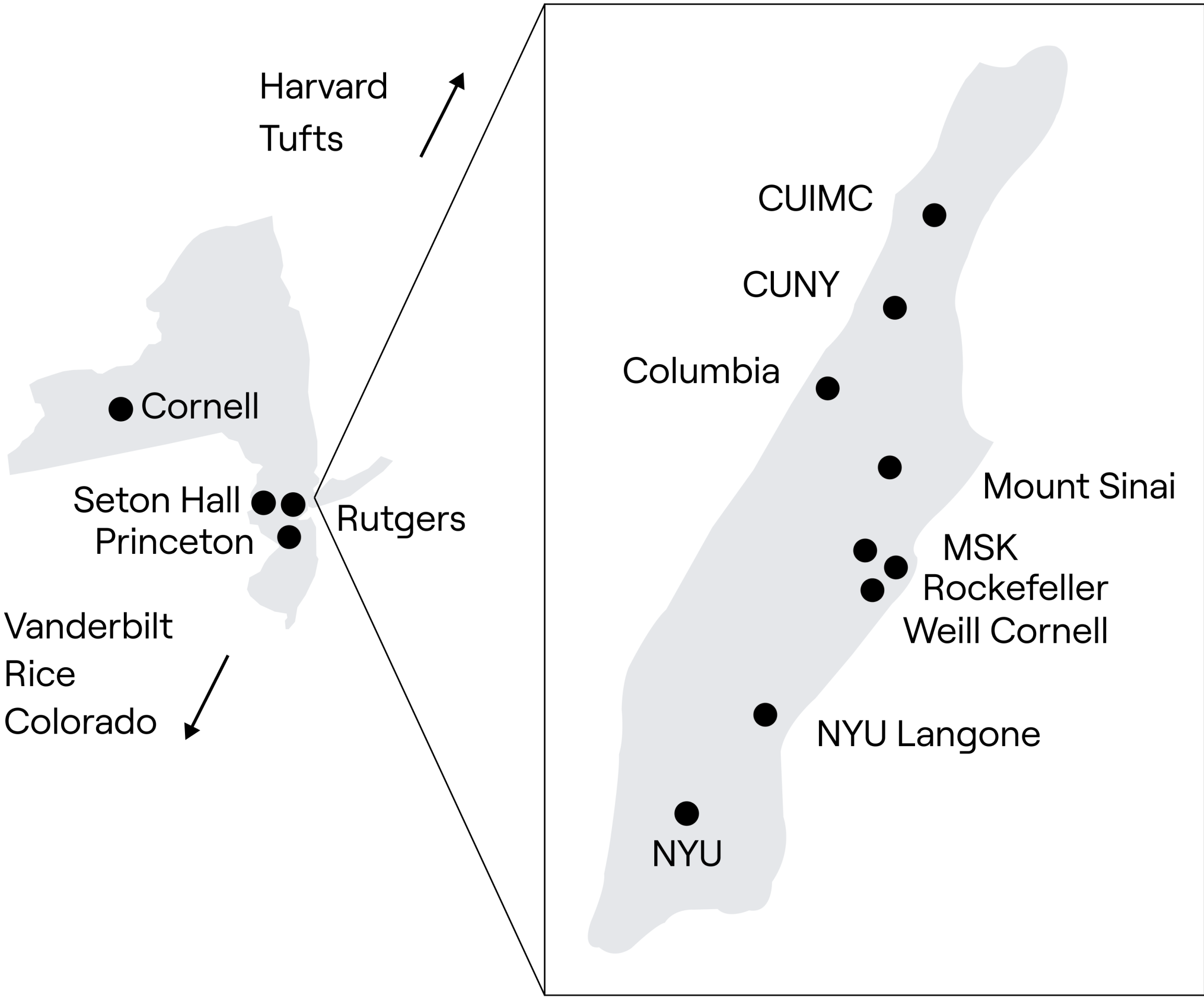
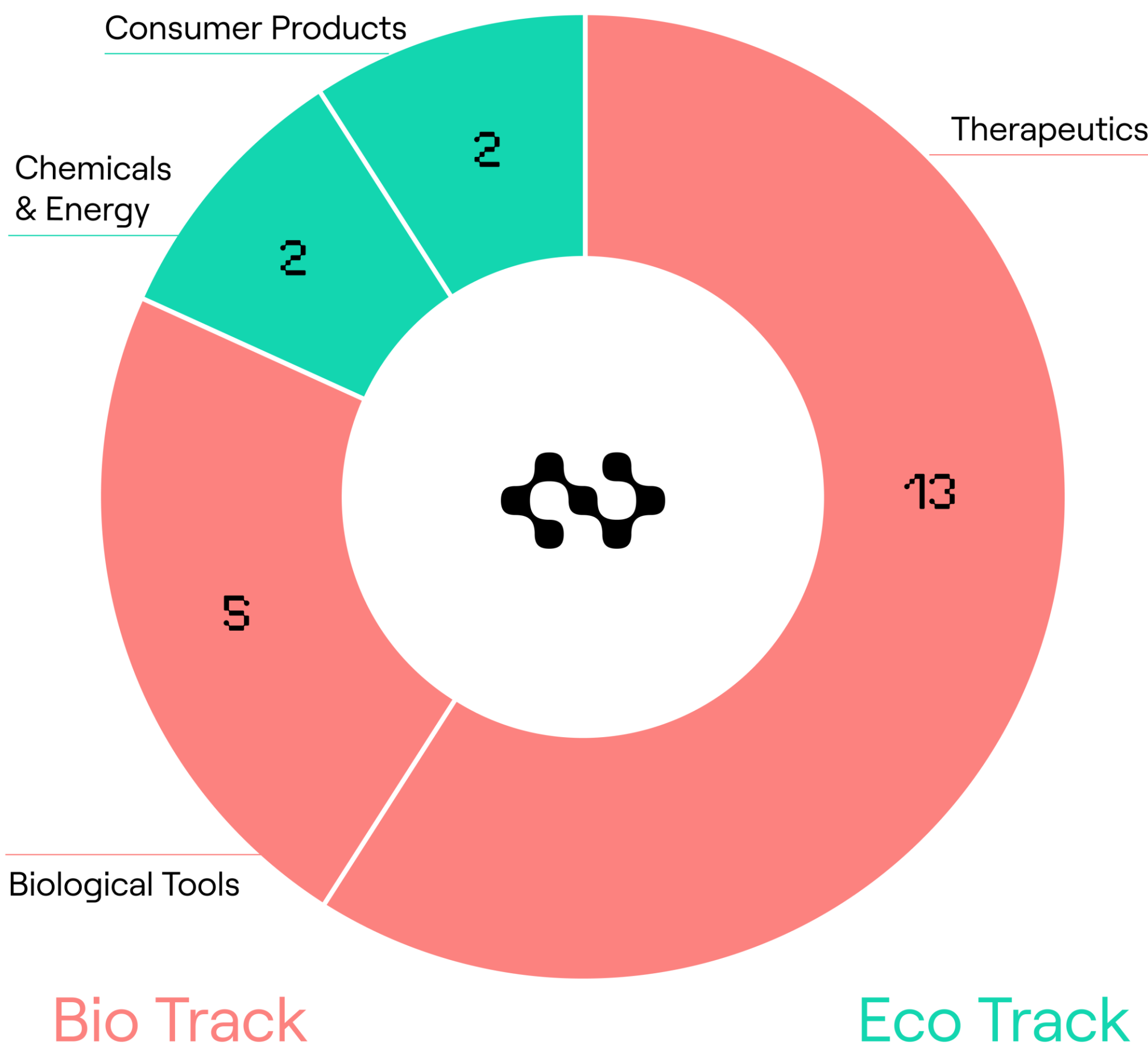
2024: Nucleate NY accelerated the largest Activator cohort to date



Nucleate **New York 4.0** Activator cohort was our largest to date



Inventor Macro Technology Area





Mentors and Experts: Our Supporting Pillars

Pharma



Industry



Consulting



Venture Capital



DIGITALIS COMMONS



External Affairs

120+

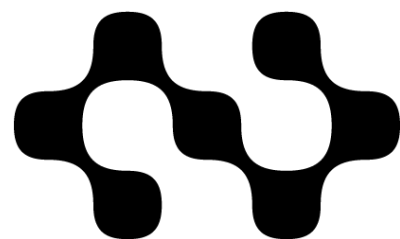
Mentors and
Experts

and many more....

2024-25 Activator in review



ACTIVATOR COHORT
EVENTS/WORKSHOPS



External Affairs



2024

Oct: Activator Happy Hour 1

Nov: Activator Happy Hour 2

Nov: Activator Team Matching

2025

Jan: Team Launch

Jan: Mentor Matching

Feb: Creative Toolkit: Strategies for Compelling Communication

Mar: Inclusive Strategies for Early-Stage Startups

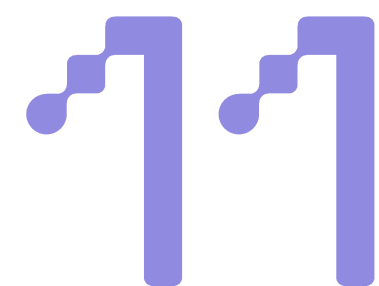
Apr: Keys to Giving a Great Presentation

May: Practice Pitch

May: BlueRock Happy Hour Mixer

May: Activator Closeout Reception

Nucleating the New York Biotech Ecosystem



COMMUNITY
EVENTS



Connect & Collab: Fall Mixer with NYAS



Bio, Climate, Deep Tech Mixer



Nucleate NY 4.0 Kickoff



NSF I-Corp: Innovating Together



Bridging the Gap: How to take your research into the world



NIH Non-dilutive Funding Workshop



Deep Origin Biotech Mixer



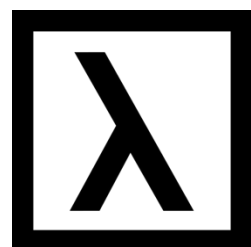
Bio, Climate, & Deep Tech Salon

BIOHACK NYC



NYU

Entrepreneurial
Institute



Lambda

DIMENSION



Lightning AI

Applied Vol. 8

External Affairs



BIOTECH
without borders



Genspace



INNOVATION
SPACE

Activator Alumni Showcase



King
Street
Properties
Life | Science | Real Estate



innolabs



Pliancy



Brex

“Nucleating” the New York biotech ecosystem



Academic Institutions



Accelerator/Incubator Programs



Government



Lab space



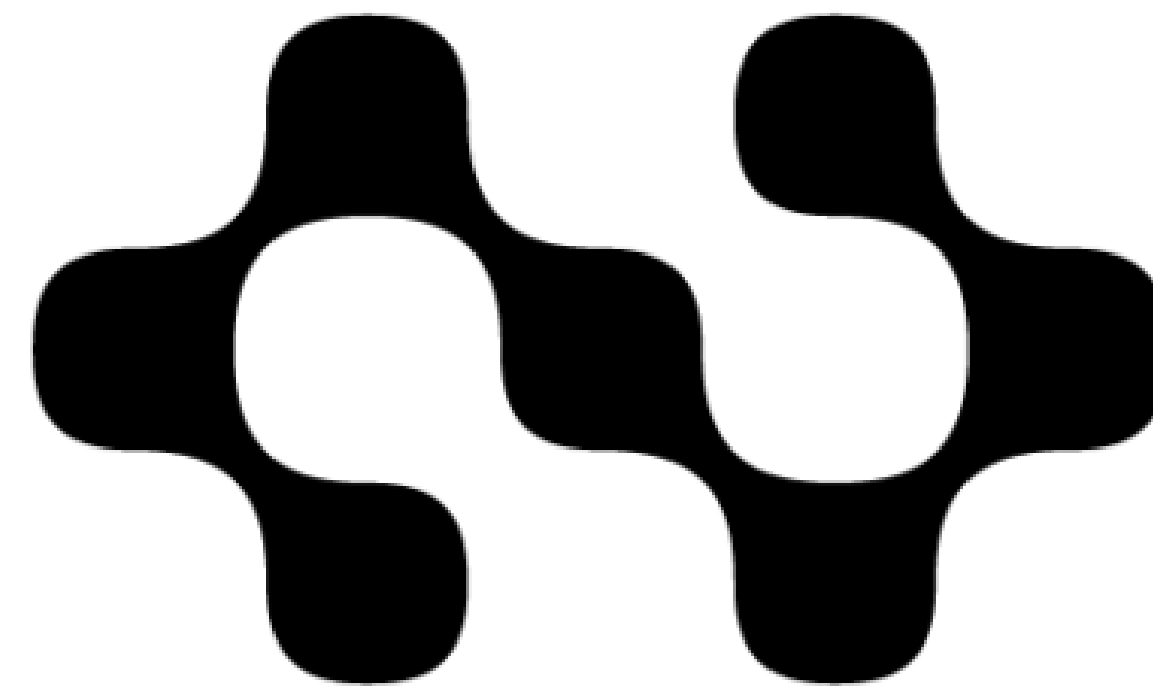
Investors



Nonprofits



Legal



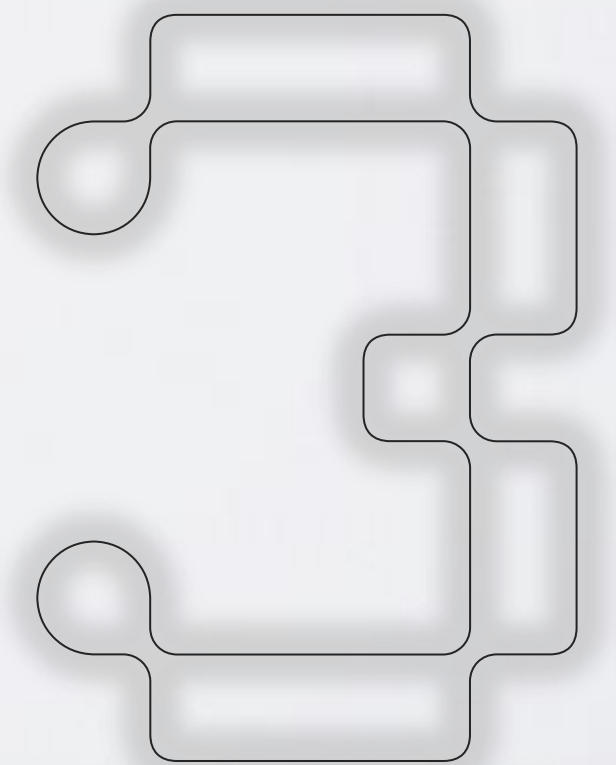
Industry



Activator Applications

Expectations and process

Application Deadline: **Oct. 20**





Nucleate Activator: Regional Support, Global Access

Regional Support

- Tailored mentorship from professionals in your geographic area
- Feedback from local investors, clinicians, and industry advisors
- Monthly workshops (Feb–May) designed for early-stage biotech growth
- Accountability through biweekly check-ins and pre-work expectations
- Opportunities to build strong bonds with your team and community

Nucleate HQ Programming

- Advanced seminars led by global biotech pioneers and venture leaders
- Opportunities to connect with Activator teams across 18+ cities and countries
- Strategic educational content on IP, regulatory affairs, company formation, and fundraising
- Access to demo day judges, accelerator partners, and international collaborators

How can you apply?



Inventor



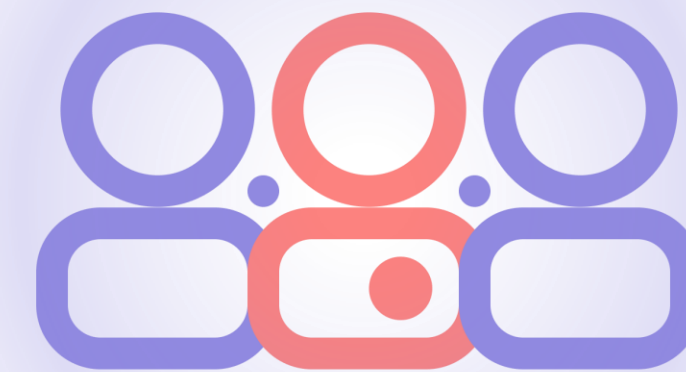
Applies with a
technology or
idea

Contributor



Joins a team via mutual-
matching as a scientific,
business, or clinical
teammate

Team Affiliate



An existing collaborator who
joins the Activator team with
the inventor



Before you apply

Have you notified your principal investigator about your interest in participating in Nucleate's Activator program? *

☒ Yes ☐ No ☐ Planning to

Is the technology based on or related to intellectual property (IP) of a university or university-affiliated institute? *

☒ Yes ☐ No ☐ Unsure

Have you or the principal investigator previously spoken with your technology transfer office (TTO) about the invention? *

☒ Yes ☐ No ☐ I would like help reaching out to my TTO

☐ No, but we have an appointment

Have you reached out to your technology transfer office about your interest in participating in Nucleate's Activator program? *

☒ Yes ☐ No ☐ Planning to

☐ I would like help reaching out to my TTO

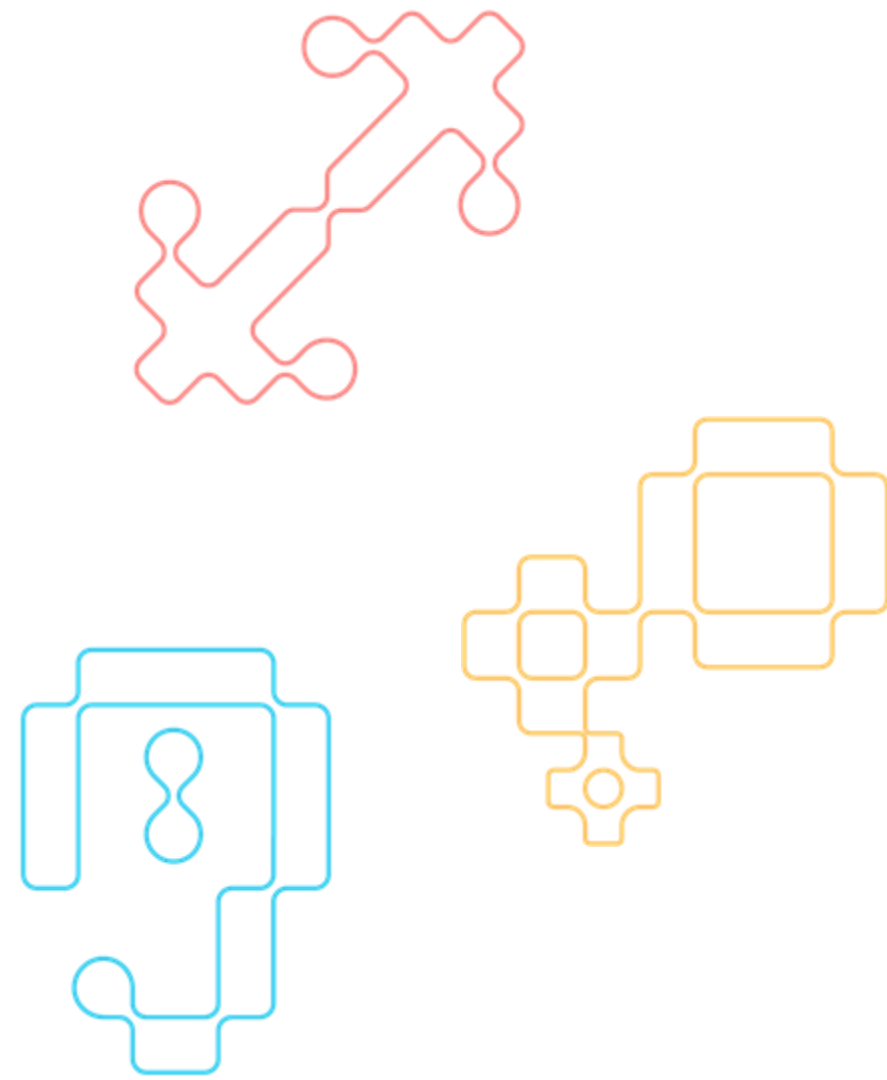
Screenshot from the application

- **PI approval:** confirm participation, use of lab resources, and ~5–8 hrs/week availability.
- **TTO consultation:** verify **IP status** (disclosure, ownership, obligations, public disclosure plans).
- **Written confirmation:** brief email from PI + TTO approving Activator participation.
- **Non-confidential rule:** no enabling/unpublished details; present high-level science & market only.
- **Multi-institution teams:** align all PIs/TTOs; identify lead institution for IP questions.
- **If you're not the inventor:** ensure you have permission to contribute and no employer conflicts.



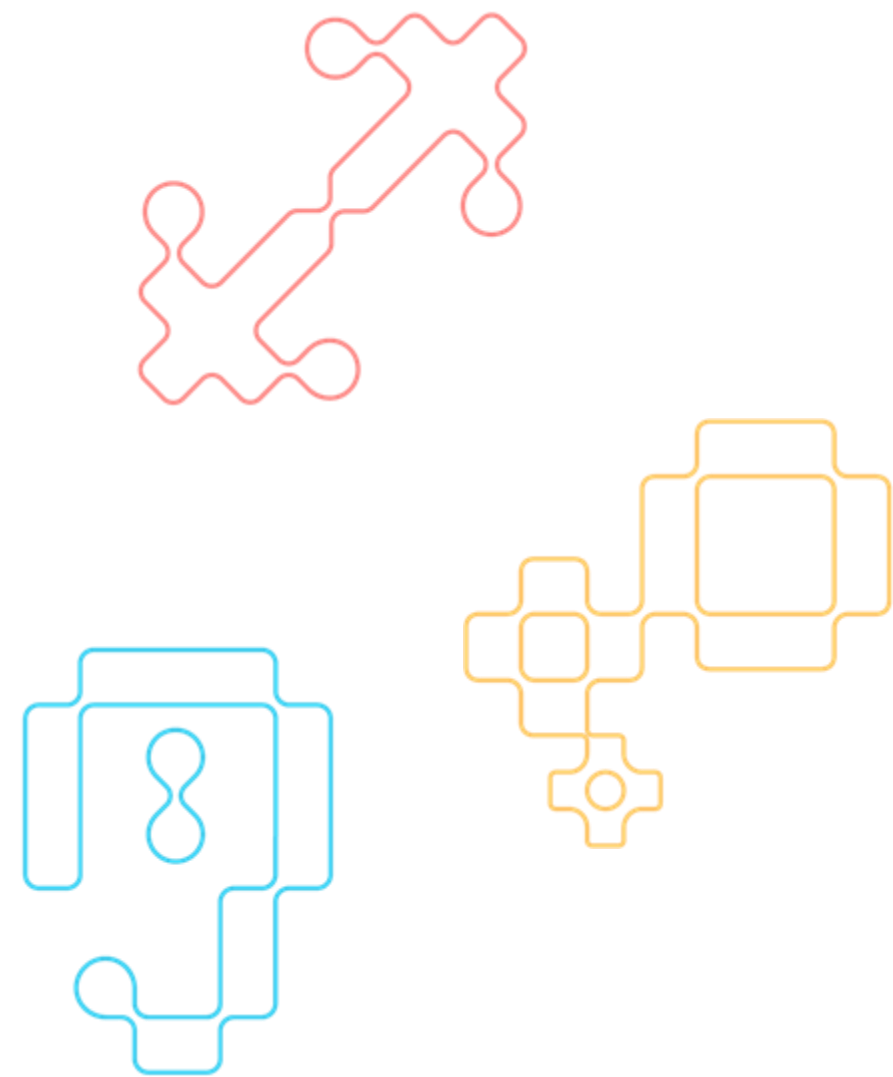
Expectations & Opportunities:

Inventors, Team Affiliates & Scientific Contributors



- Develop a clear path to technology commercialization
- Build out a venture team with fellow graduate students, postdocs, and clinical residents
- Receive guidance and mentorship from leading academic and industrial professionals in the local and global biotech ecosystem
- Join a growing Nucleate biotech community
- Connect with potential investors and companies for resources and collaboration

Expectations & Opportunities: Business Contributors

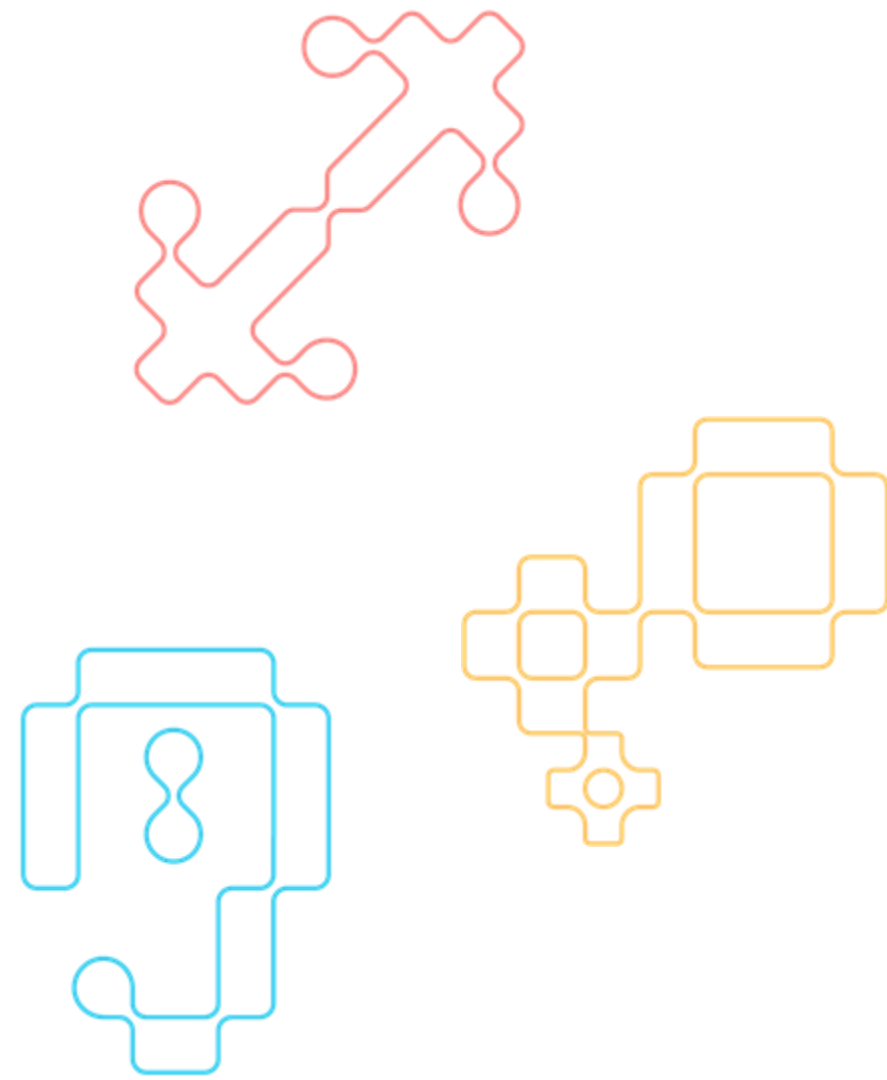


- Become part of a venture team with fellow graduate students, postdocs, and clinical residents
- Opportunity to develop a business strategy and market evaluation for innovation that tackles causes aimed at helping others
- Receive guidance and mentorship from leading academic and industrial professionals in the local and global biotech ecosystem
- Join a growing Nucleate biotech community
- Connect with potential investors and companies for resources and collaboration



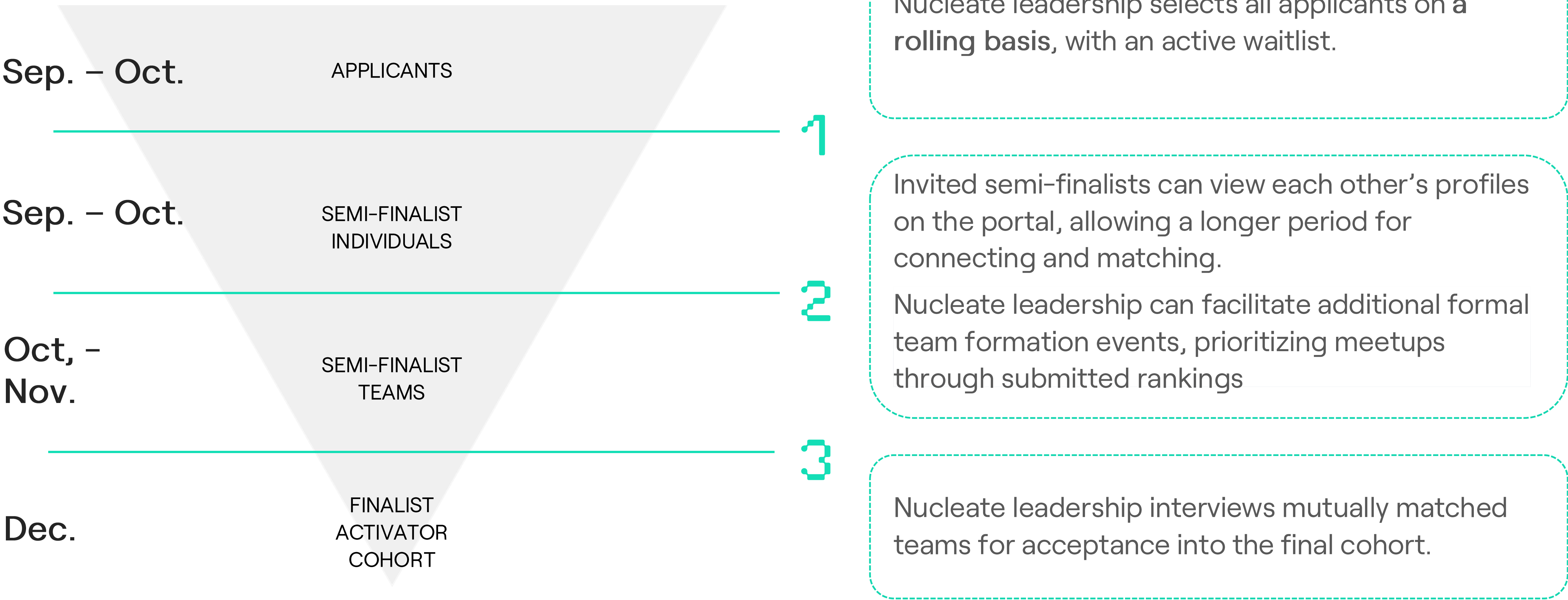
Expectations & Opportunities:

Clinical Contributors



- Learn about the fundamentals of biotech venture formation (i.e., formulating ideas and technical approaches, development and regulatory strategy, fundraising, and more!)
- Gain experience working within an interdisciplinary team toward advancing a real biotech venture
- Develop a framework for evaluating unmet clinical needs and selecting indications(s) for a novel technology/therapeutic approach
- Improve your awareness of opportunities for clinicians within biotech startups

Path to become a part of the final **Activator** cohort



Thank you to our
HQ sponsors!



PLATINUM



GOLD

SILVER

BANKING

SPEND



VENTURE

GRANT WRITING



PHILANTHROPIC

GRANTS



IN-KIND





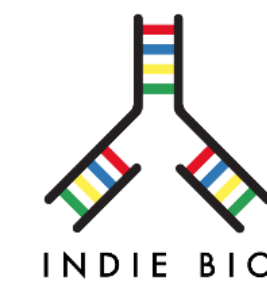
GOLD



SILVER



COMMUNITY PARTNERS



Thank you to our regional Activator sponsors!

Connect with us..



Fariha Reza

fariha.t@nucleate.org

Co-Managing Director
Nucleate NY



Vikas Malik

vikasm@nucleate.org

Co-Managing Director
Nucleate NY



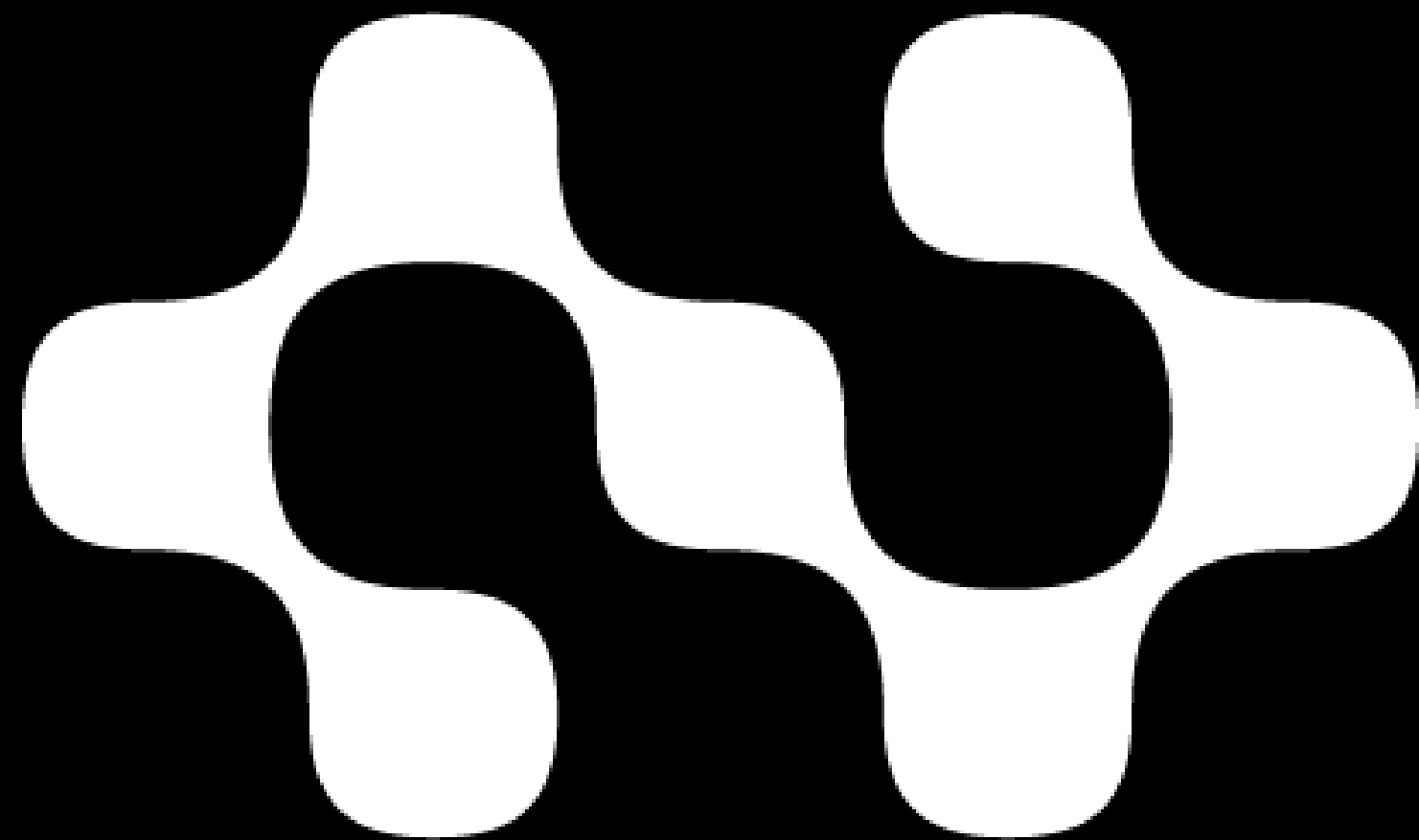
Patrick Wallisch

patrickw@nucleate.org

Co-Managing Director
Nucleate NY



Thank You!



Be part of our global
community:



Apply to the Activator Program
and follow Nucleate New York on LinkedIn!