



CSTL
Center for Cytokine Storm
Treatment & Laboratory



EVERY
CURE

From Chasing My Cure to Every Cure

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Co-Founder & President, Every Cure

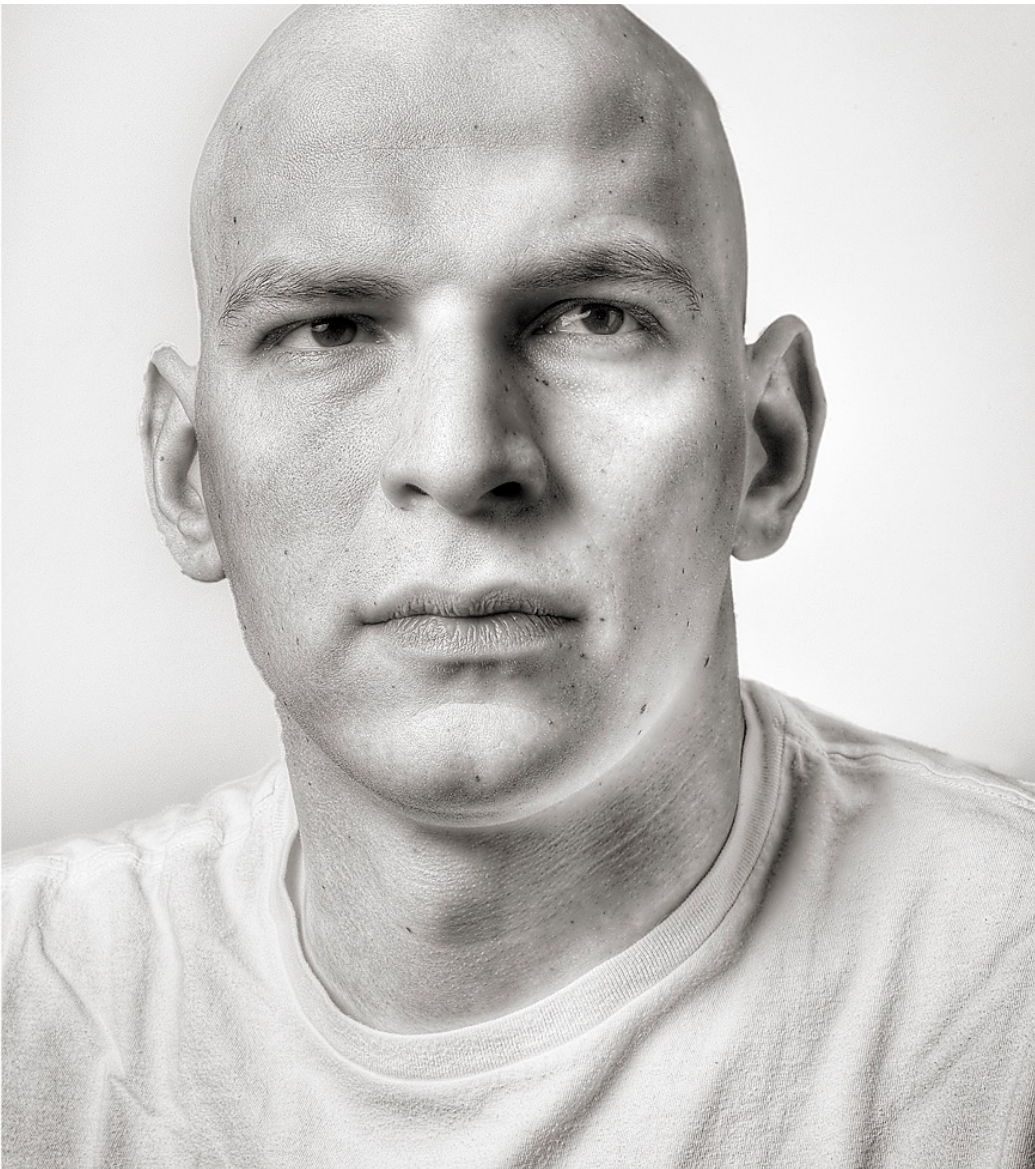
June 13, 2024











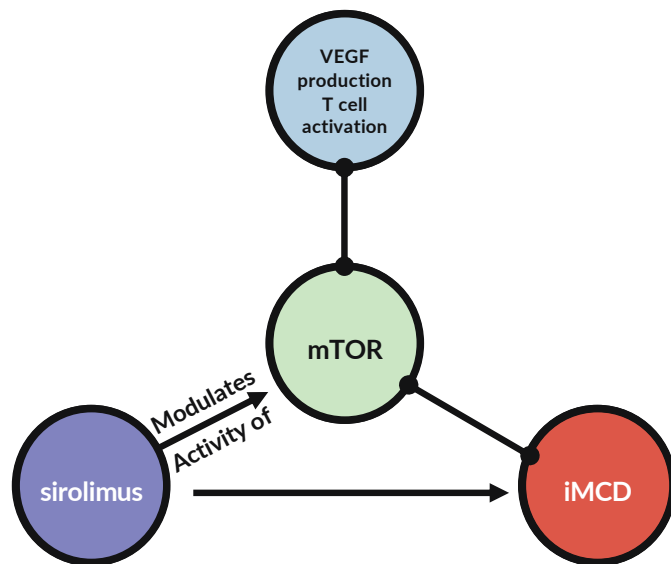




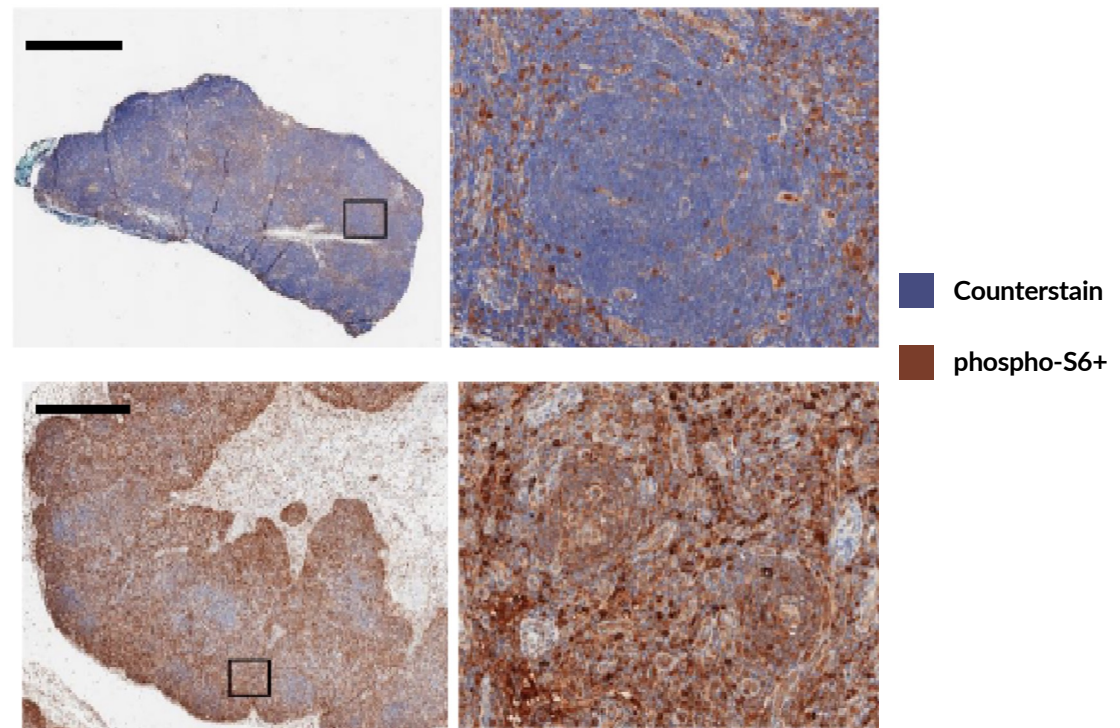




Sirolimus identified for iMCD by uncovering a novel target



Immunohistochemistry for pS6, a marker of mTOR activation









"An extraordinary memoir . . . It belongs with Atul Gawande's writings and *When Breath Becomes Air*." —Adam Grant, *New York Times* bestselling author of *Originals*

NATIONAL
BESTSELLER

CHASING MY CURE

A Doctor's Race to Turn
Hope into Action

A MEMOIR

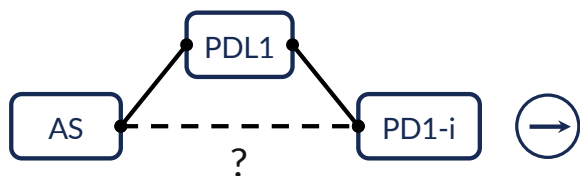
David Fajgenbaum



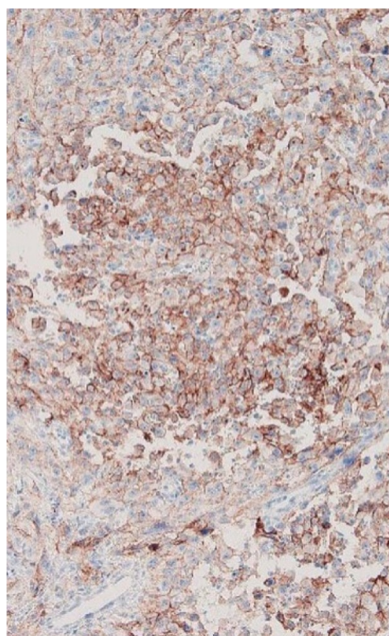
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Treatment identified for AS by uncovering published link



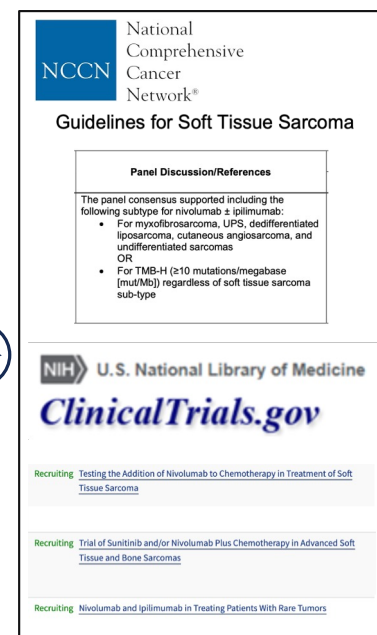
2013 paper links PD1/PDL1 and angiosarcoma (AS)



Testing confirmed increased PDL1 in 2016

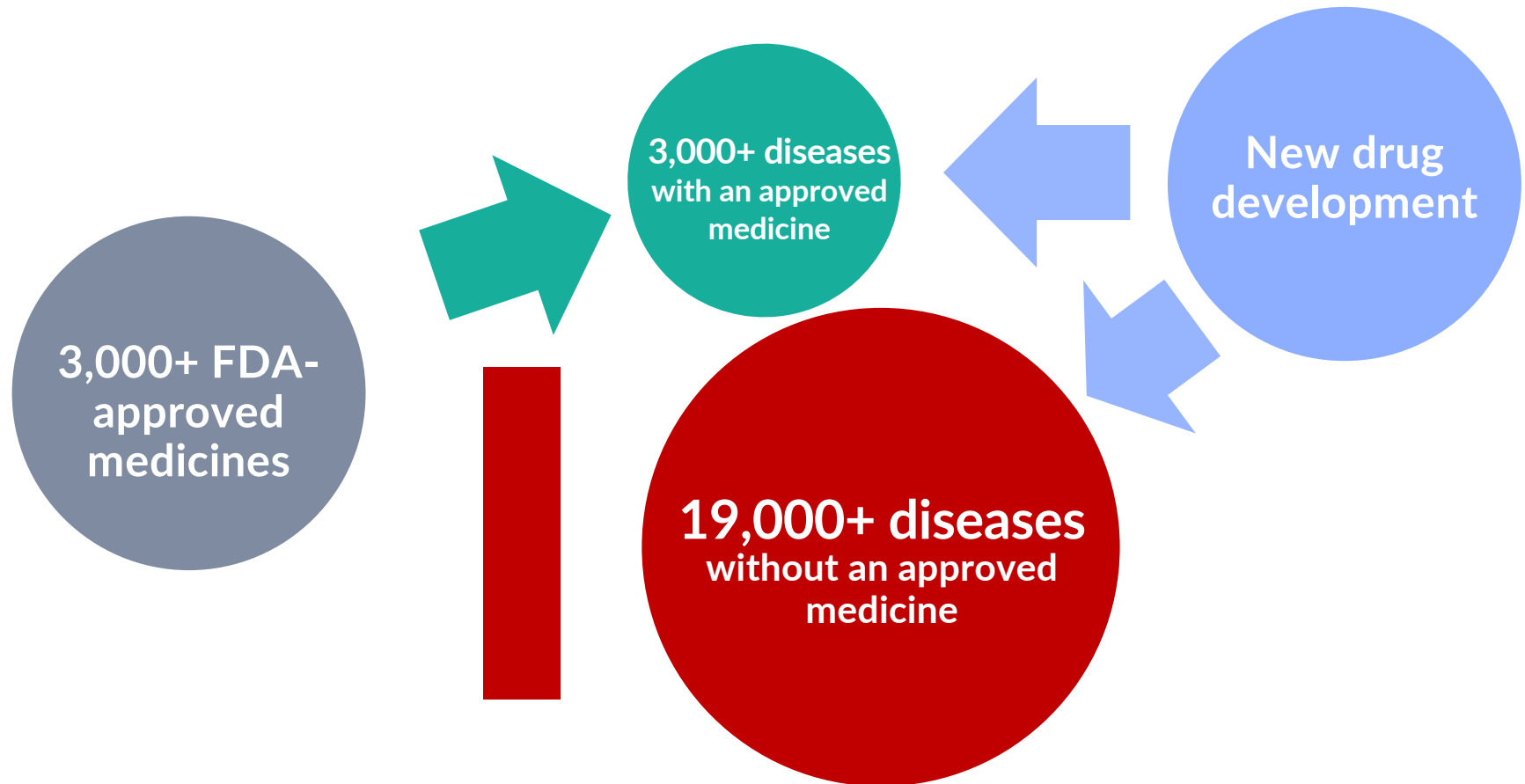


First AS patient treated with PD1 inhibitor in remission >8 years, many more benefitting

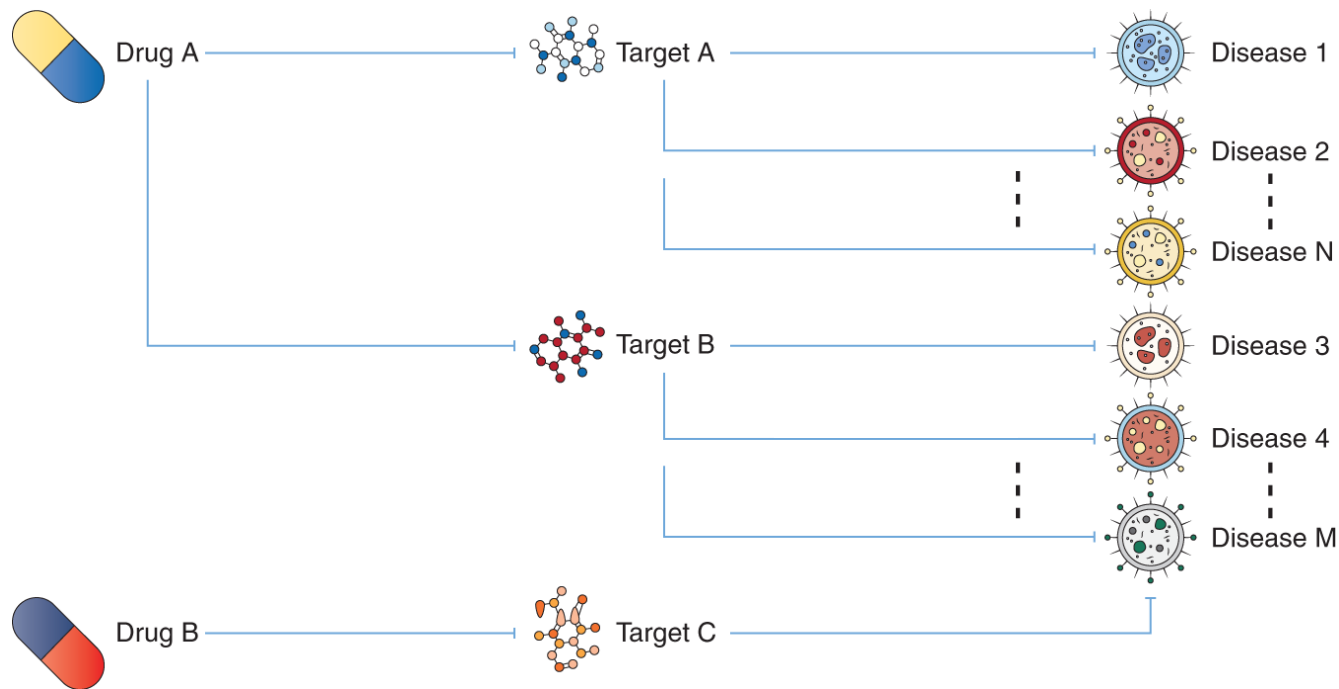


Recommended by NCCN and widely used off-label worldwide

**3,000 medicines are approved for 3,000 diseases, but
19,000+ diseases don't have a single approved therapy**



Many diseases share mechanisms and many drugs have multiple targets, highlighting the potential of drug repurposing





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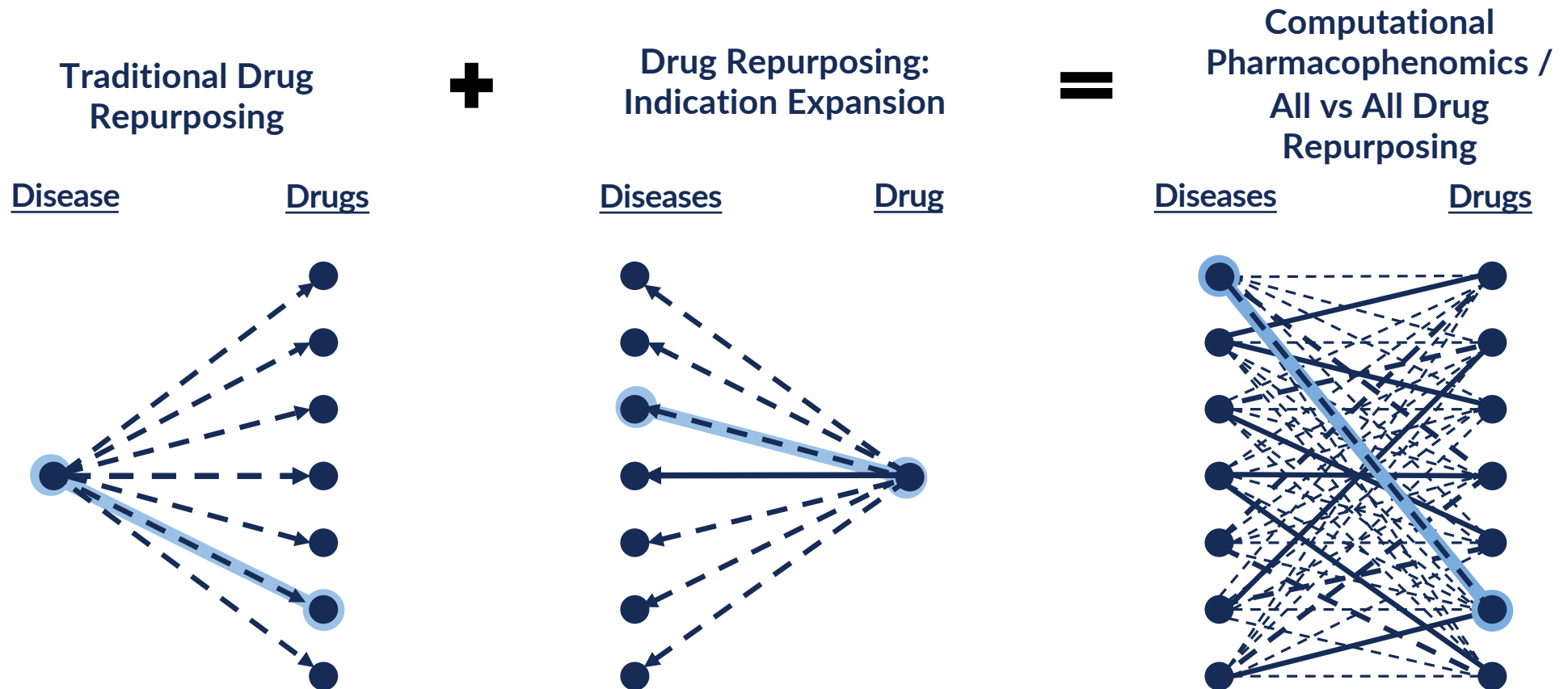
There is a missing link in the system that isn't filled by NIH, FDA, or pharma...
No one is responsible for making sure that drugs are fully utilized across diseases.

— JANET WOODCOCK, MD
PRINCIPAL DEPUTY COMMISSIONER, FDA



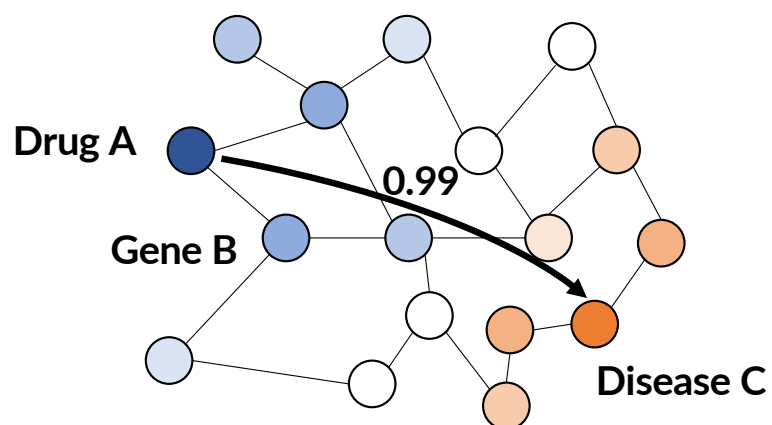
Unleashing the potential of
every approved medicine to
**treat *every* disease and *every*
patient possible**

Advancing a new field of computational pharmaco-phenomics to save lives

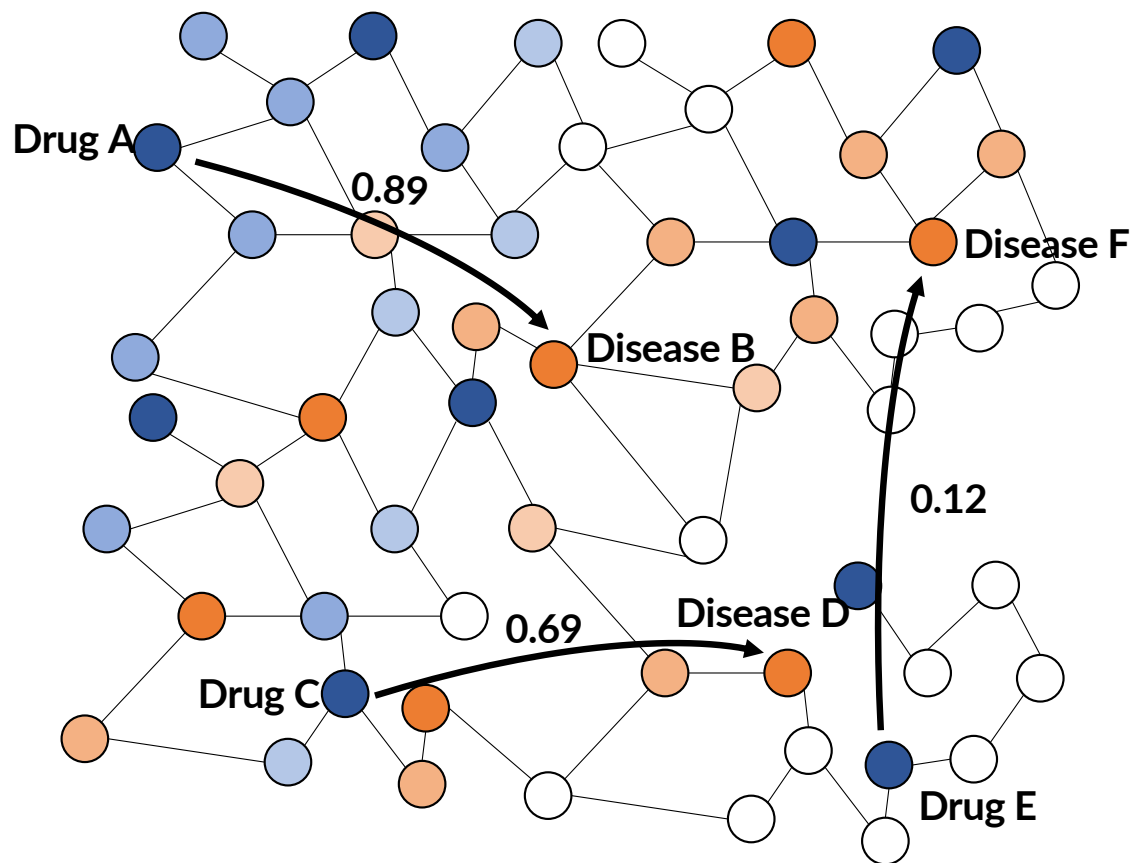


Korsunskaya, et al. 2024 (in submission).

We train on **known** treats relationships:



We unleash the algorithm on **unknown** relationships:

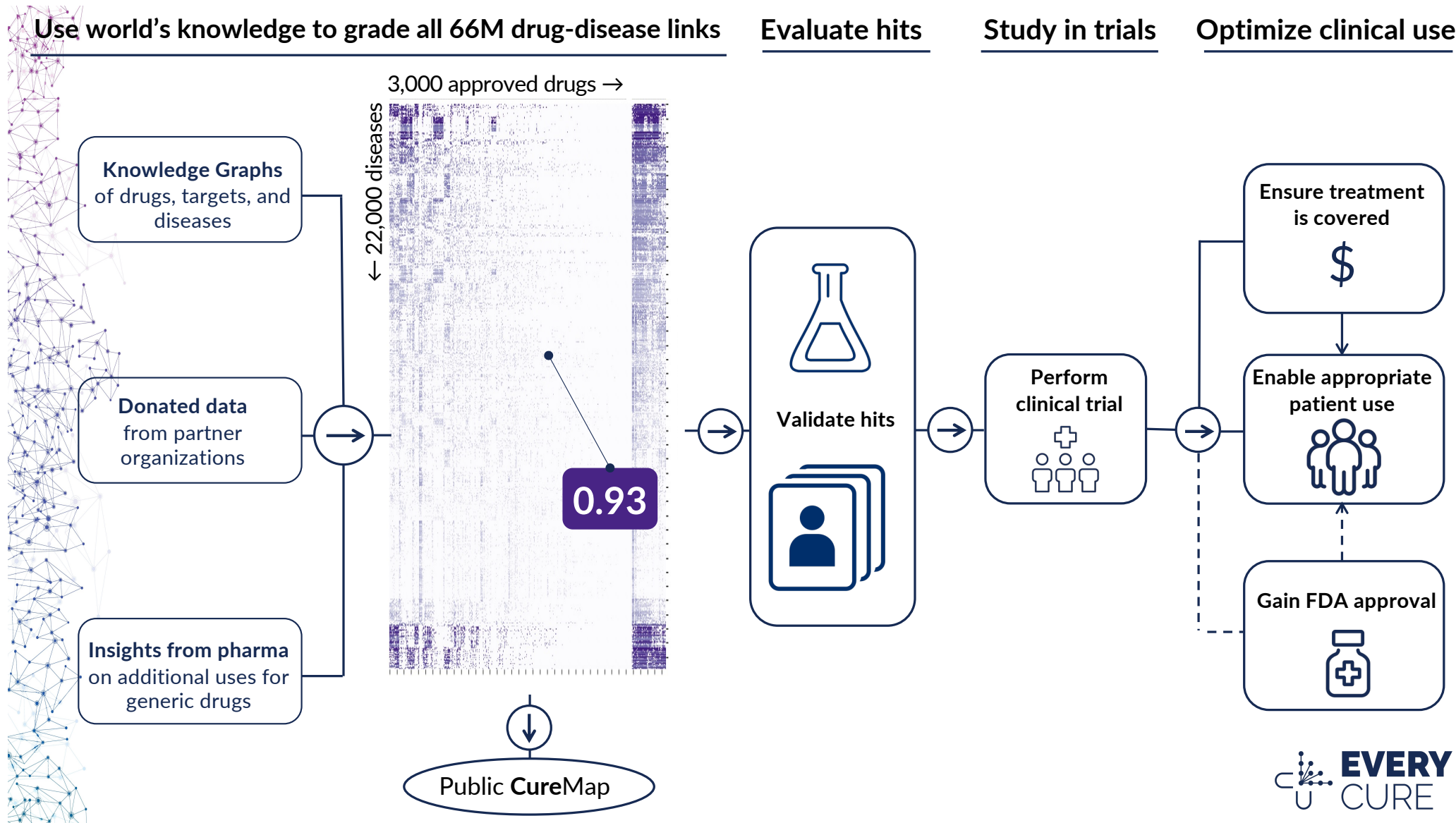


Use world's knowledge to grade all 66M drug-disease links

Evaluate hits

Study in trials

Optimize clinical use



Every Cure's Key Features



Computational pharmacophenomics has the power and potential to rapidly save lives, reduce costs, and improve health inequities.



End-to-end responsibility.

Every Cure is predicting *and* advancing the most promising treatments all the way to patients.



All drugs and all diseases.

Every Cure is not focused on a specific disease, drug, or profits—just impact.



Collaborative by nature.

As a nonprofit, Every Cure wants to serve as a central resource for sharing and accessing data and insights.



Built for purpose.

Every Cure's platform and data infrastructure was built with repurposing in mind.

First 'All drugs vs All diseases' analysis generated promising results!

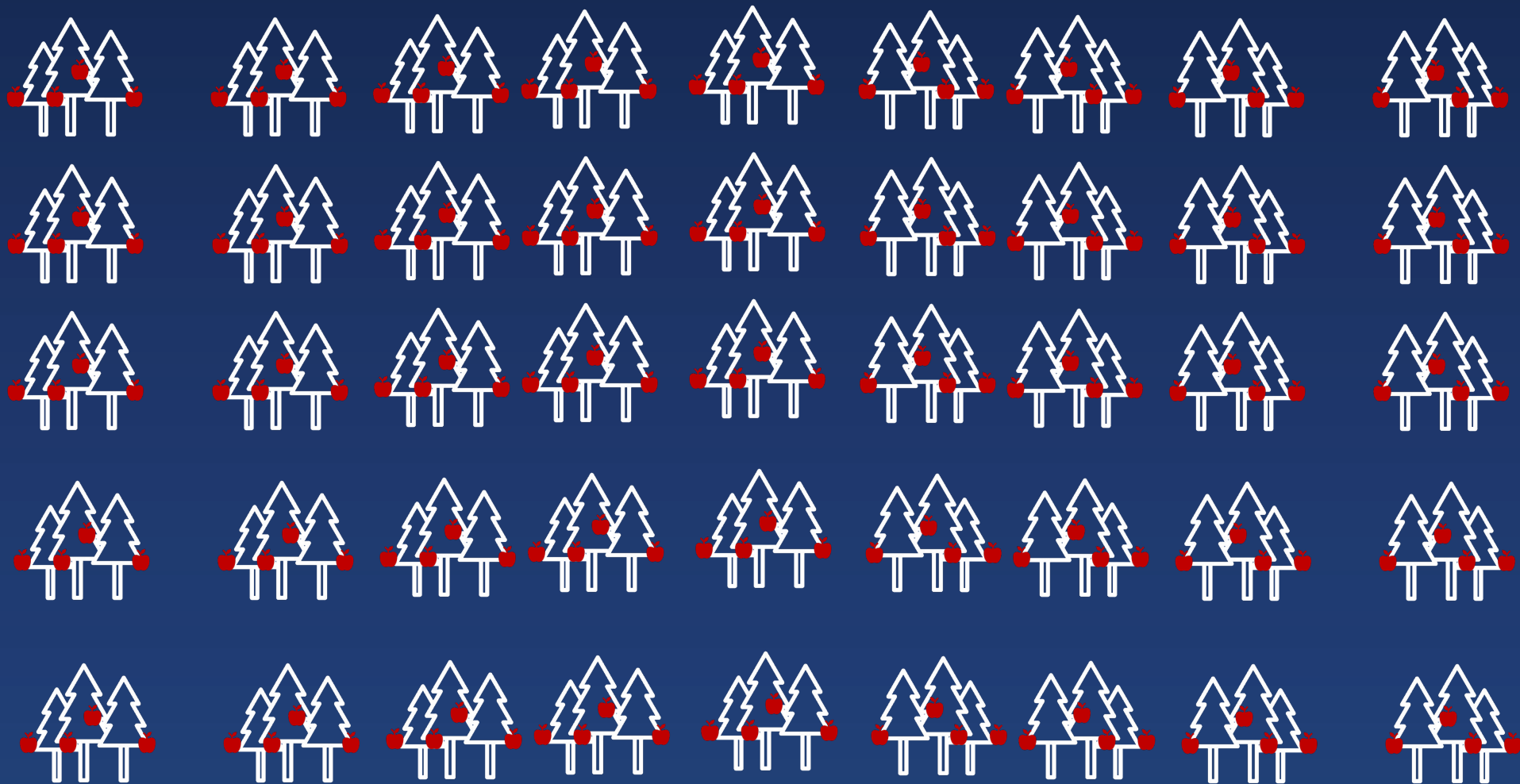


Mu et al., bioRxiv. 2022.
Pierson et al., Blood Advances, 2021.









Our partners and key relationships in saving lives



Partners



Flagship Pioneering **ELEVATE PRIZE**



LYDA HILL
PHILANTHROPIES

dr.
evidence



CLINTON
GLOBAL
INITIATIVE



somalogic



Medable



BIOPHY



WORLDWIDE
CLINICAL TRIALS

ELSEVIER



CuresWithinReach



ATROPOSHEALTH



HUGH KAUL PRECISION
MEDICINE INSTITUTE



Key relationships

medidata



National Center
for Advancing
Translational Sciences



DATAVANT

Google Health



healx



SANDBOXAQ™



Wolters
Kluwer



MILKEN
INSTITUTE
FasterCures

Every Cure | Our team

Board of Directors



Grant Mitchell, MD, MBA
Co-founder & CEO



David Fajgenbaum, MD, MBA, MSc
Co-Founder & President



Tracey Sikora
Co-Founder



Bob Battista
Co-founder & CEO, Dr. Evidence



Eric Horvitz, MD, PhD
CSO, Microsoft



Freda Lewis-Hall, MD
Former CMO, Pfizer



Robert A. McDonald
Former VA Secretary & P&G CEO



Tania Simoncelli, MS
VP, Chan Zuckerberg Initiative



Tanisha Carino, PhD
Former ED, Faster Cures

Executive Leadership Team + Select Advisors



Matej Macak, PhD
Tech Lead



Richard Riese, MD, PhD
CMO



Mary Zuccato, MBA
COO



Jacqueline Grace
Chief Development Officer



Vanessa Rostick
Head of People Operations



Janet Woodcock, MD
SAB member



Annalisa Jenkins, MD
Advisory Council member



Noubar Afayan, PhD
Advisory Council member



Eric Topol, MD
Advisory Council member

Future directions

We need your help to unlock more uses for existing FDA-approved medicines

- Support Every Cure with obtaining datasets from private data sources (eg, Elsevier), biopharma companies, and government agencies (eg, VA and FDA)
- Support the development of cutting-edge AI/ML algorithms
- Support Every Cure with prioritization of top hits
- Perform *in vitro* and *in vivo* validation studies
- Partner on clinical trials of top hits

We need your help to advance treatments to patients!

David@everycure.org



