

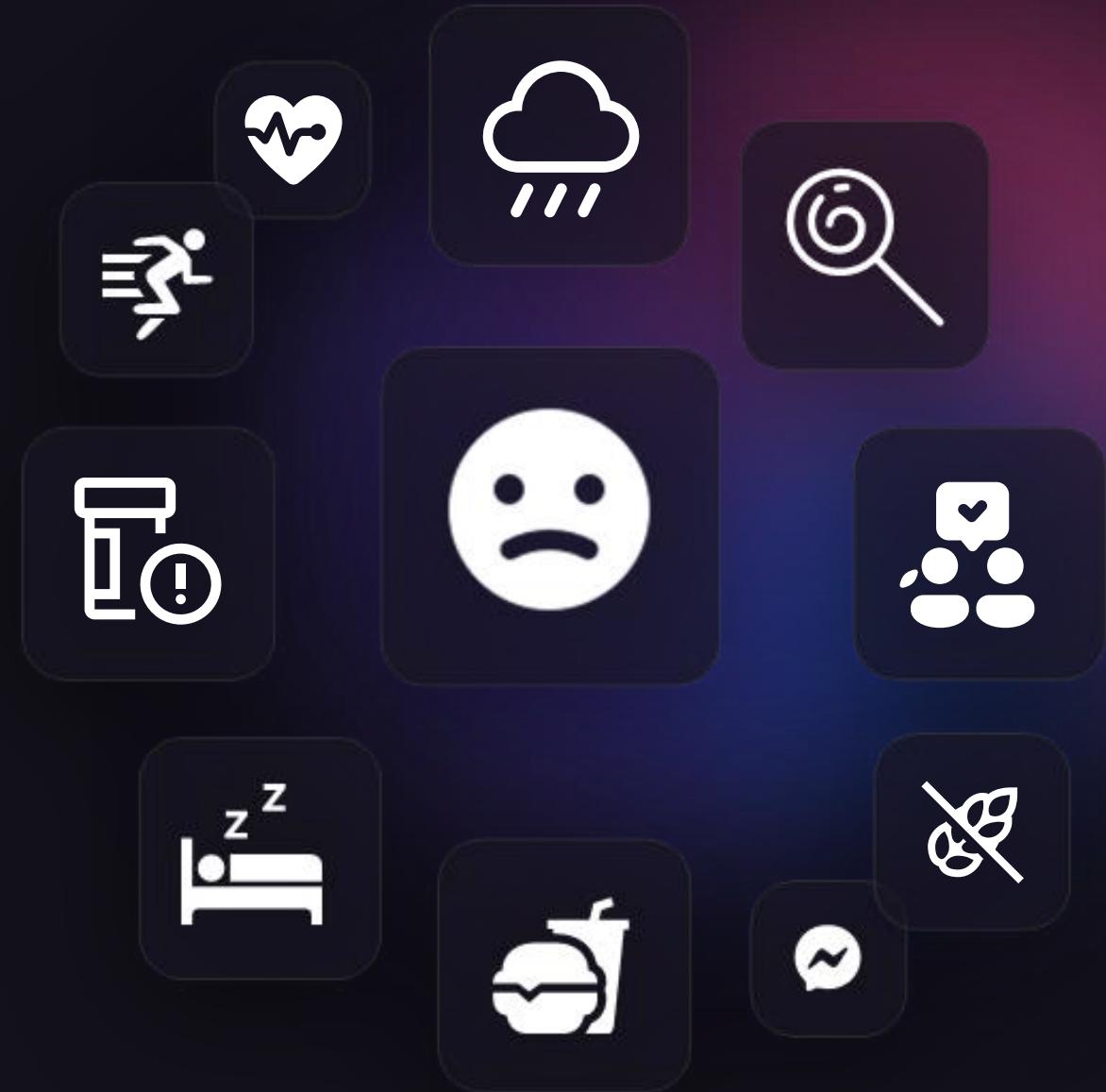
What is the most cost-effective way to make clinical discovery as **FAST, CHEAP, & PRECISE** as possible?

CureDAO

A Community-Owned  
And Governed  
Platform for  
**Accelerating Clinical  
Discovery**

2 billion people  
**suffer** from  
inflammation-  
mediated diseases.

Symptom severity is  
influenced by  
hundreds of **unknown**  
**factors** in life.



Due to the high cost of research, we know very a  
tiny fraction of what is left to be discovered.



LONG-TERM EFFECTS OF  
3.5 POUNDS OF **7,000**  
CHEMICALS IN OUR DIET

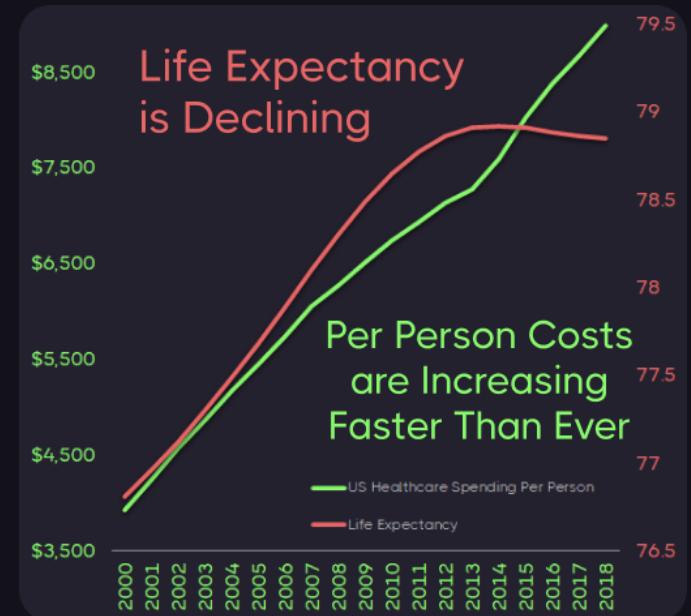
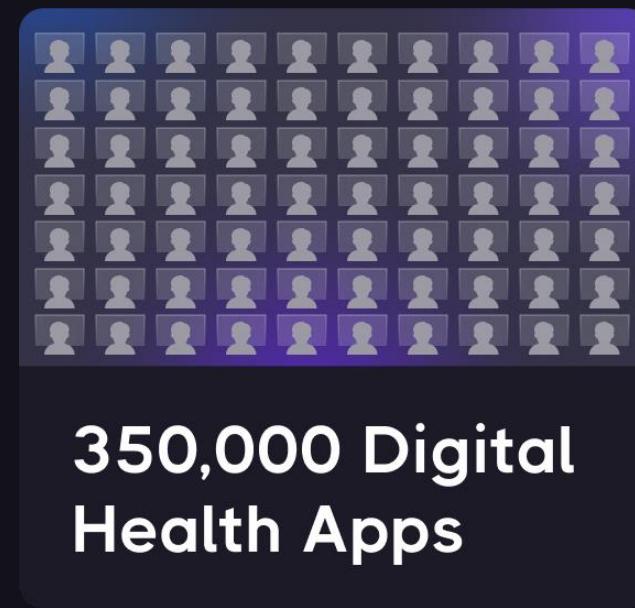
HOW  
MUCH WE → •  
KNOW



**166 BILLION**  
POTENTIALLY MEDICINAL  
MOLECULES

21,000  
DRUGS → •  
STUDIED

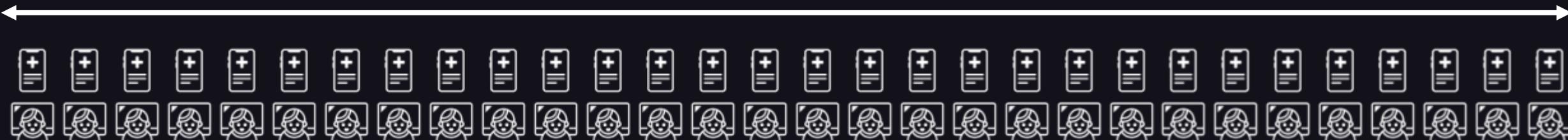
# Q: Why hasn't an explosion in health data and innovation led to improvement in lifespan or cost?



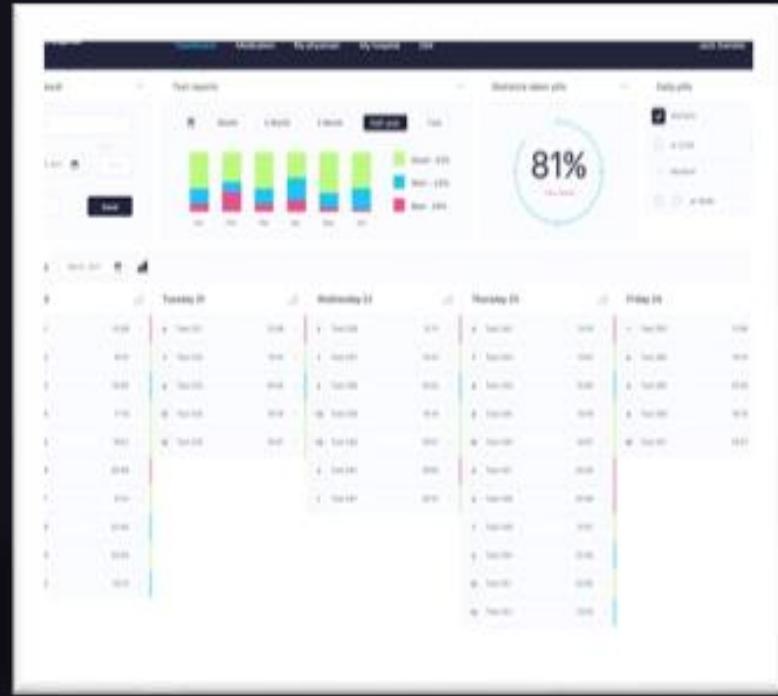
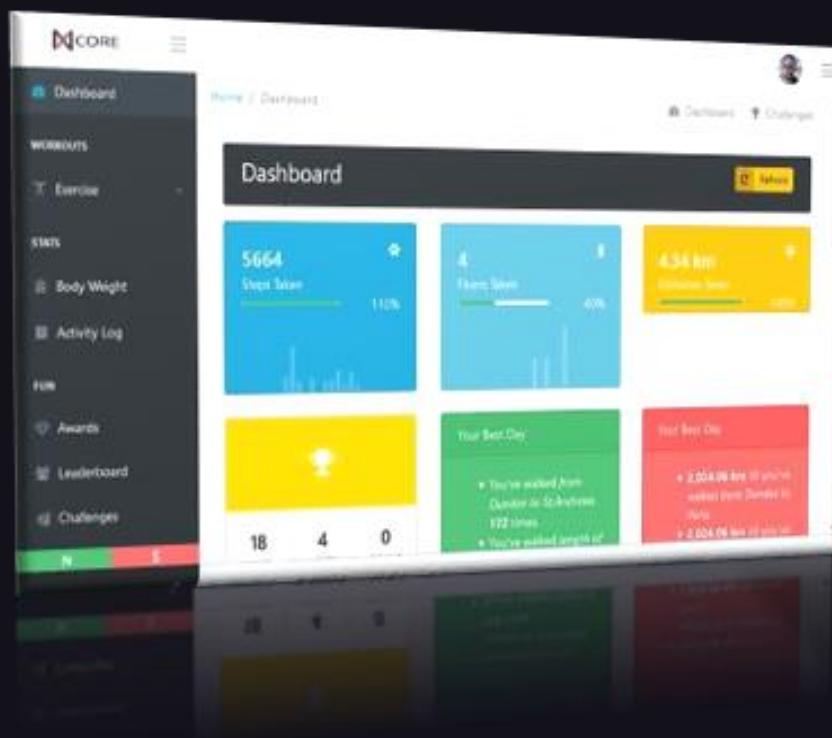
# Answer: Collaboration & Data Sharing is Punished by the Market

We're wasting **\$157 billion** paying over **350,000** programmers to write the same code to implement the same basic functionality.

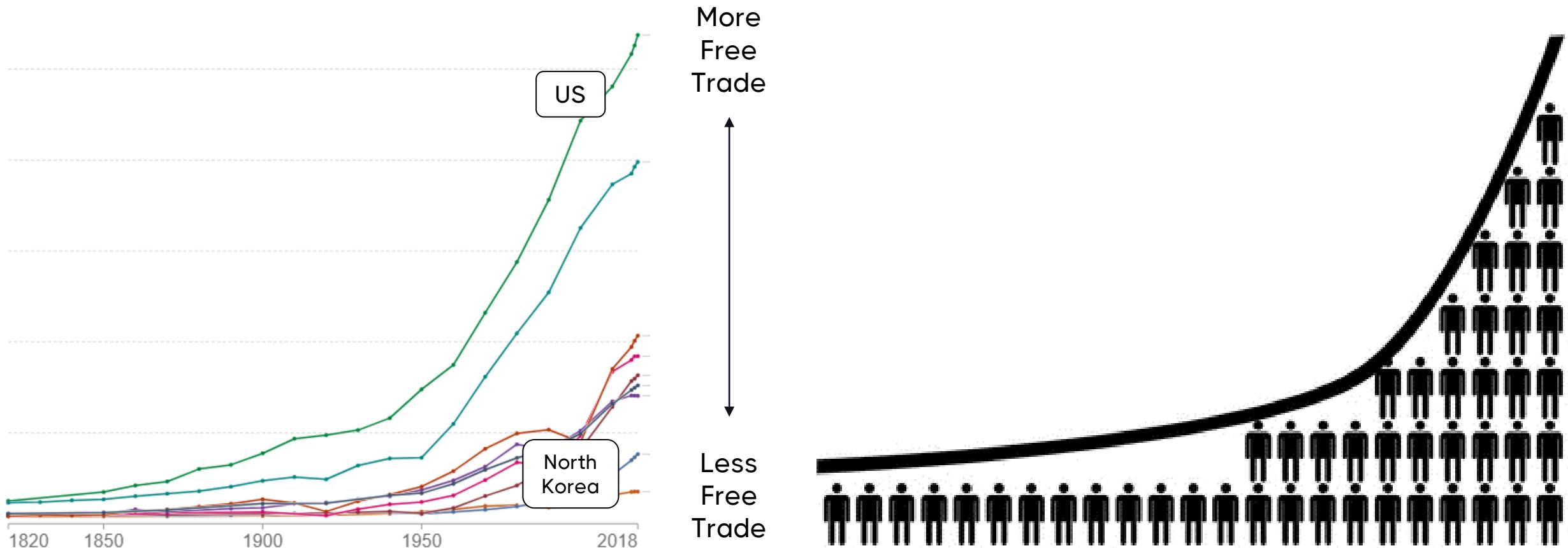
## Horizontal Stagnation



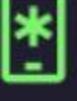
# We Have Thousands of Dashboards Telling Us What We **Have Done**, But Not What We Should **Do**



Our health data economy is like 350k North Koreas or the US prior to the invention of the automobile.



## Open-Source Vertical Innovation



## Closed-Source Duplication of Effort



# Incentivizing Open-Source Collaboration to Accelerate Innovation

WordPress is a great example of how tens of thousands of independent plugin developers benefit from using and contributing to a shared core open-source platform.



### Closed-Source Horizontal Stagnation

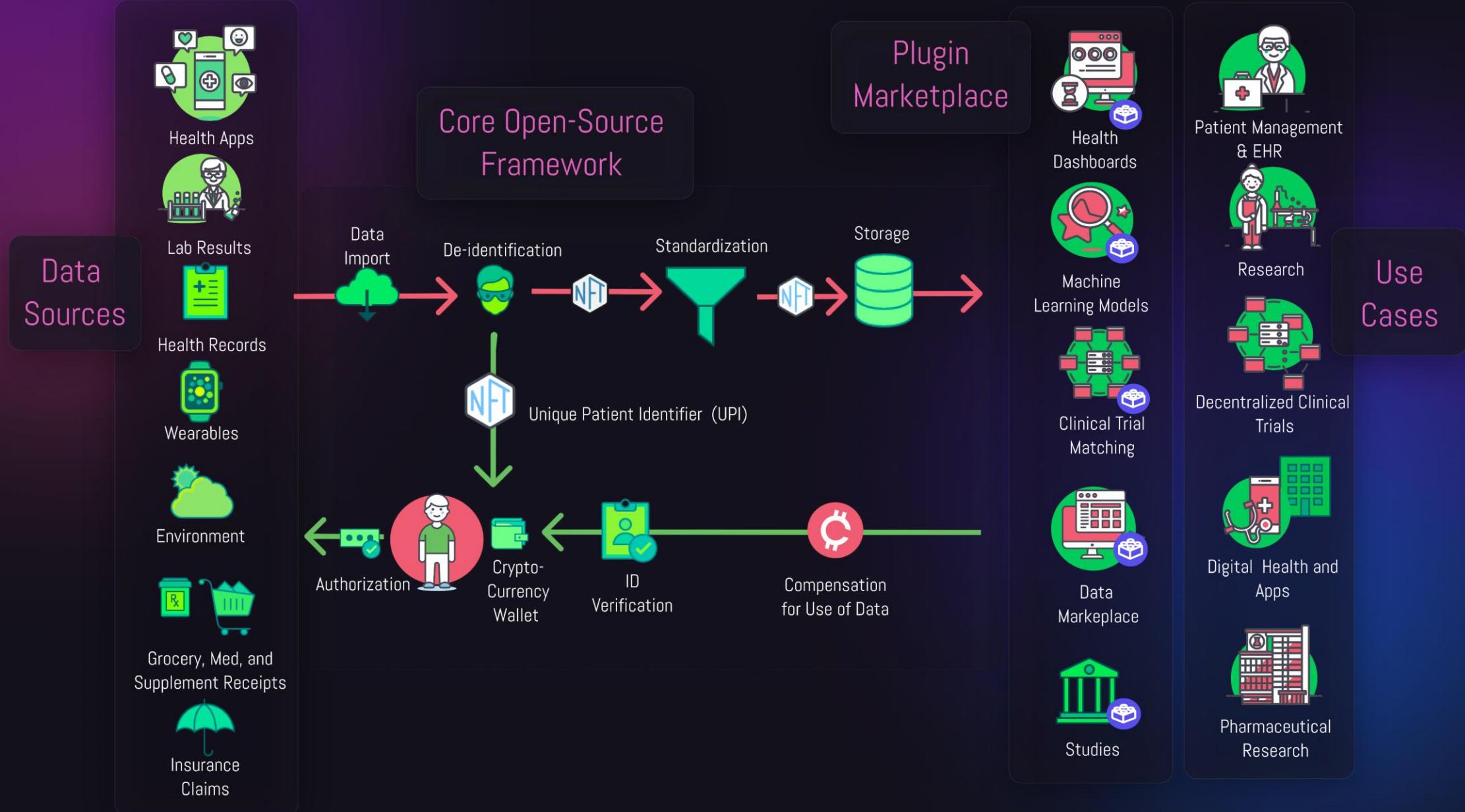
It's hard to make any progress when we're paying over 350,000 programmers to build the exact same basic functionalities.

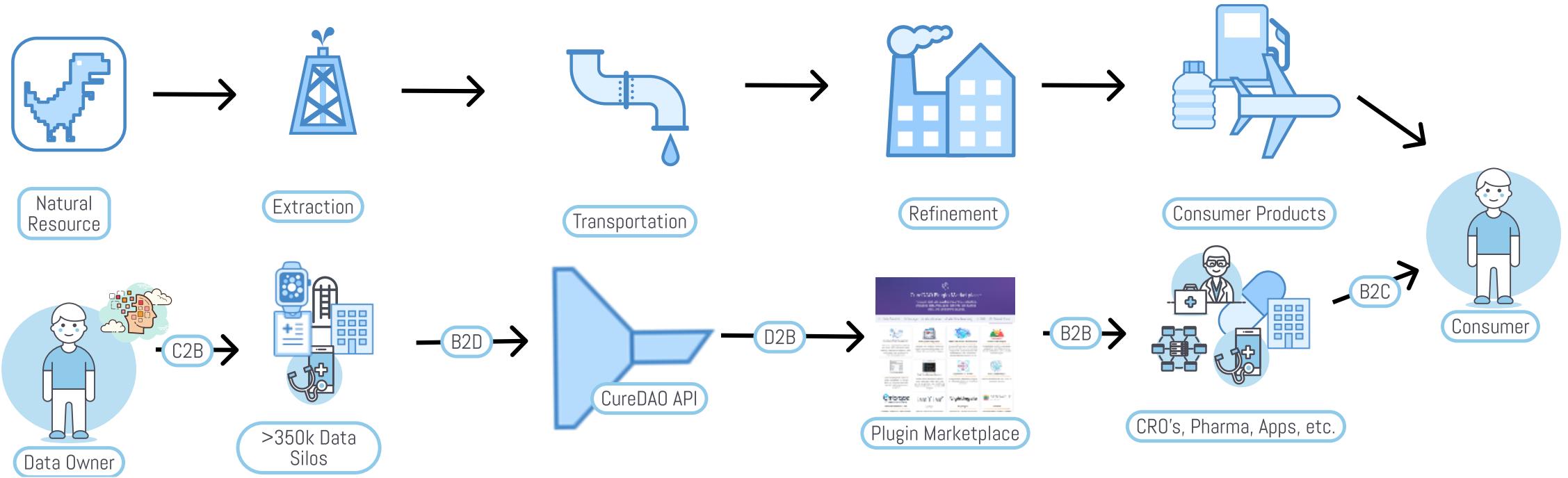


### Open-Source Vertical Innovation

By standing on each other's shoulders instead of duplicating work, we can potentially increase the rate of progress by 350,000 times.

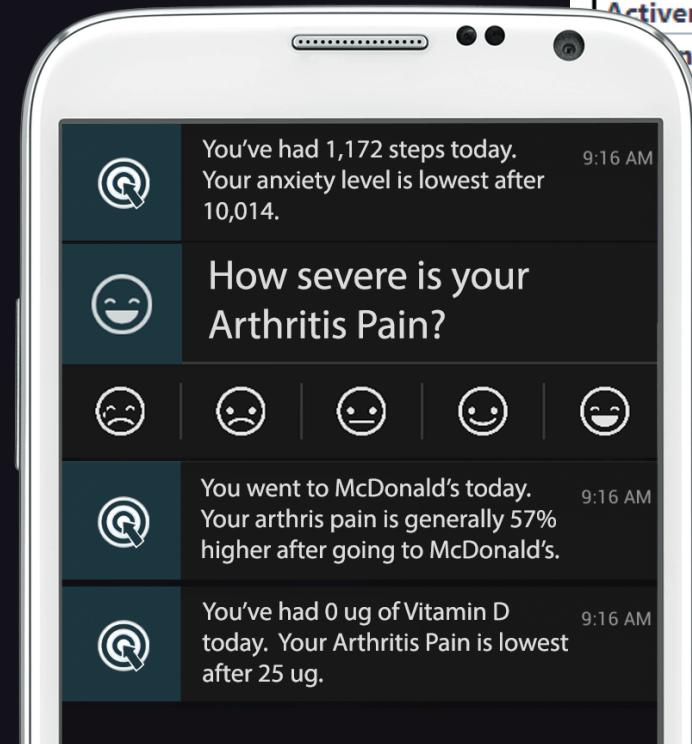
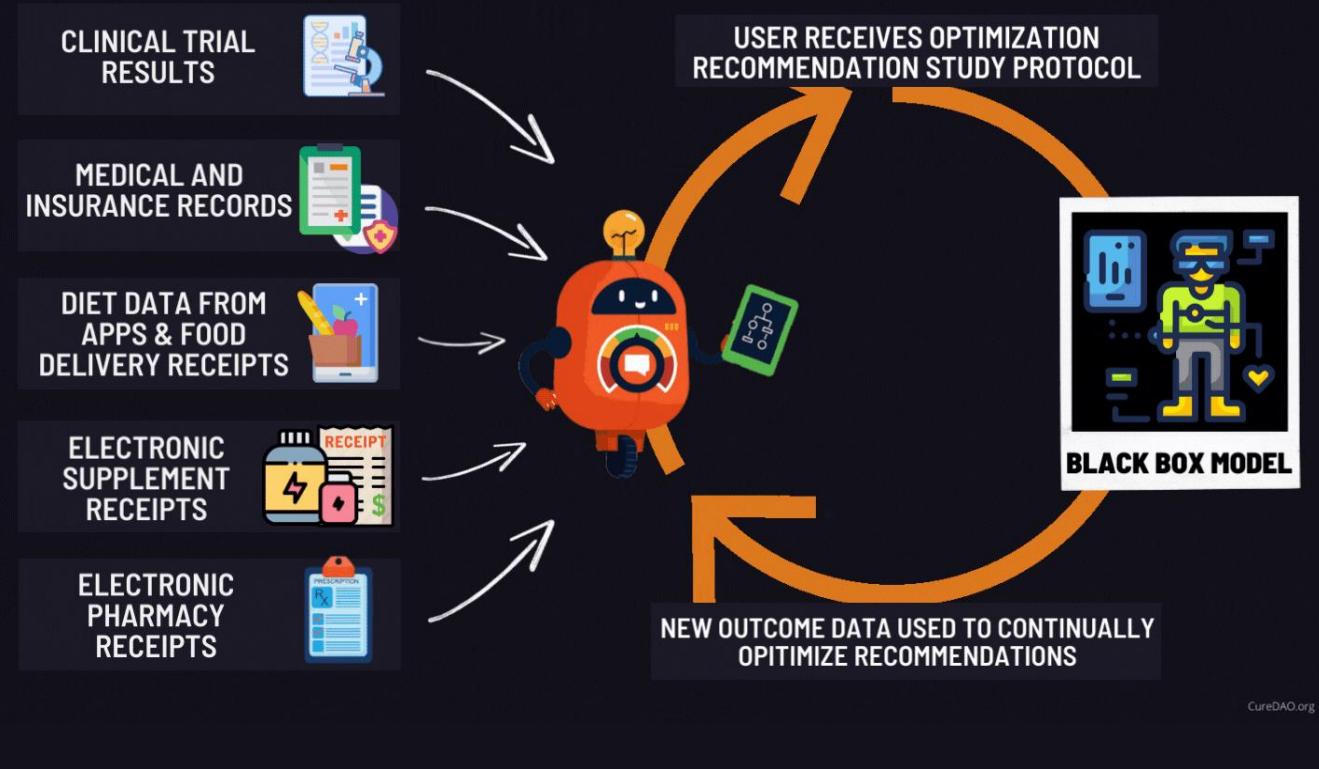
# CureDAO Ecosystem





**CureDAO Transports Crude Data from Silos to Businesses in the Plugin Marketplace to Derive Value**

# Turning Oceans of Data into Precision Health



## Outcomes of Melatonin (mg)

Below is the change in the listed outcome after Melatonin (mg) is higher than average.

Filter by name...

Sort by Effect Size

Sort by Confidence

### % Change from Baseline\*

Distress	↓14% Lower
Overall Mood	↑7% Higher
Arthritic Pains	↑47% Higher
Psoriasis Severity	↑32% Higher
Nervousness	↓24% Lower
Activeness	↓4.3% Lower
Long Tongue	↑58% Higher
Stress Severity	↑13% Higher
Inflammatory Pain	↑33% Higher
Acne	↓26% Lower
Insomnia	↑15% Higher
Loss / Fatigue	↑7.3% Higher
Depression	↓14% Lower
Joint Swelling	↓16% Lower
Severity	↑43% Higher
Arthritis	↑8.6% Higher
Joint Swelling	↓5.6% Lower
Joint Pain	↑42% Higher
Joint Inflammations	↑0.25% Higher
Vitamin D Deficiency	↑0.63% Higher
Joint Pain	↑42% Higher
Joint Inflammations	↑0.25% Higher
Vitamin D Deficiency	↑0.63% Higher

# Why is a DAO necessary to achieve this goal?

D  
ecentralized

A  
utonomous

O  
rganization

Shared ownership and governance are required for trust by data sharers and data silos.

The system should not be dependent on any particular actor.

A defined system of governance and value exchange is necessary for incentivization.

We've created 90,000 studies  
examining the effects of various  
factors on symptom severity

12M+

Data Points

10K+

Study Participants

90K+

Studies

75+

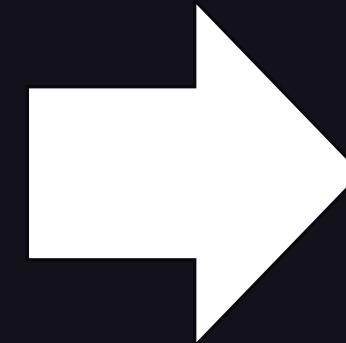
Data Sources

We've generated thousands of

# Outcome Labels

to better understand the health effects of various foods and treatments.

Nutrition Facts	
Serving size	4 oz (113g)
Amount per serving	
<b>Calories</b>	<b>240</b>
% Daily Value*	
Total Fat 14g	18%
Saturated Fat 8g	40%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 370mg	16%
Total Carbohydrate 9g	3%
Dietary Fiber 3g	11%
Total Sugars <1g	
Includes <1g Added Sugars	1%
<b>Protein 19g</b>	<b>31%</b>
Vitamin D 0mcg	0%
Calcium 170mg	15%
Iron 4.2mg	25%
Potassium 610mg	15%
Thiamin	2350%
Riboflavin	15%
Niacin	50%
Vitamin B <sub>6</sub>	20%
Folate	30%
Vitamin B <sub>12</sub>	130%
Phosphorus	15%
Zinc	50%
*The % Daily Value tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.	



## Outcomes

### of Melatonin (mg)

Below is the change in the listed outcome after Melatonin (mg) is higher than average.

Filter by name...

Sort by Effect Size Sort by Confidence

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Burning Tongue	↑58% Higher
Hair Loss Severity	↑13% Higher
Inflammatory Pain	↑33% Higher
Back Acne	↓26% Lower
Hunger	↑15% Higher
Tiredness / Fatigue	↑7.3% Higher
Inflammation	↓14% Lower
Anxiety	↓16% Lower
Nausea Severity	↑43% Higher
Guiltiness	↑8.6% Higher
Knee Swelling	↓5.6% Lower
Knee Pain	↑42% Higher
Awakenings	↑0.25% Higher
Fear	↑0.63% Higher
Knee Pain	↑42% Higher
Awakenings	↑0.25% Higher
Fear	↑0.63% Higher

This lets  
**Decision-  
Support  
Notifications**  
provide you with the  
most effective  
initiatives to minimize  
your symptoms.



Unfortunately, most individual studies on a particular treatment and outcome only have a few participants.

We need more input.



# WordPress: A Model for Open-Source Success



# How it Works

CureDAO utilizes the power of **Collaborationism** and exponential technologies to **drive down the time & cost** of clinical research.

## Data Aggregation

The core open-source platform standardizes and stores data from a wide array of sources and formats.



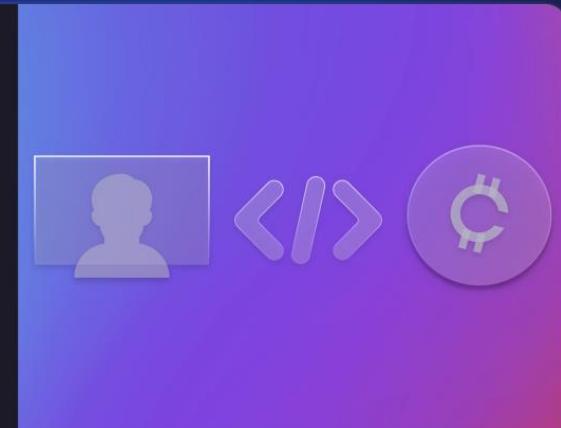
## Plugin Marketplace

Anyone can create and monetize plugins that provide data analysis, management, and visualizations.



## Ongoing Royalties for Contributions

Contributors of data, work, or intellectual property get a share of all DAO revenue in the form of ongoing payments.



# App Marketplace

Our plugin marketplace offers **massive free marketing exposure** through company-branded plugins.

Besides that, it offers revenue derived through **subscription or licensing agreements** for the usage of plugins.

## CureDAO Plugin Marketplace

Free and paid add-ons for importing, collecting, analyzing data, managing patients, conducting trials, and publishing studies.

Data Sources Storage Visualization Machine Learning EHR Clinical Trials

### OpenCures Trial Management

We serve organizations with all the tools and automations they need to manage participants, their health data and workflows for their clinical product.

### EHR System Integration

Manage your patients electronic health records and integrate with other data sources for analysis.

### OpenCures Assays & Biobanking

You should own your health data. We let you also own your samples and provide access to assays like metabolomics and proteomics only available to research so far

### Health Score Widgets

Embeddable health score gauge widgets for lots of biomarkers. Sends notifications when outside optimal ranges.

### Outcome Labels

Lists the degree to which a food, supplement, or drug is likely to improve or worsen specific health outcome or symptom.

### Real-Time Decision Support

Notifications with personalized most-important-thing (MIT) you can do to optimize your health and happiness based on a cost-benefit analysis.

### Aggregated n1 Studies

Anonymously aggregate cohorts of individual studies on the effects of factors

### Root Cause Analysis

Reports examining the root cause of symptom severity.

### Embrace Prevention Care

Embrace Prevention Care provides Personal Prevention Care to older adults with heart failure and other

### iamYiam

iamYiam empower organisations and their employees to make better decisions about their health.

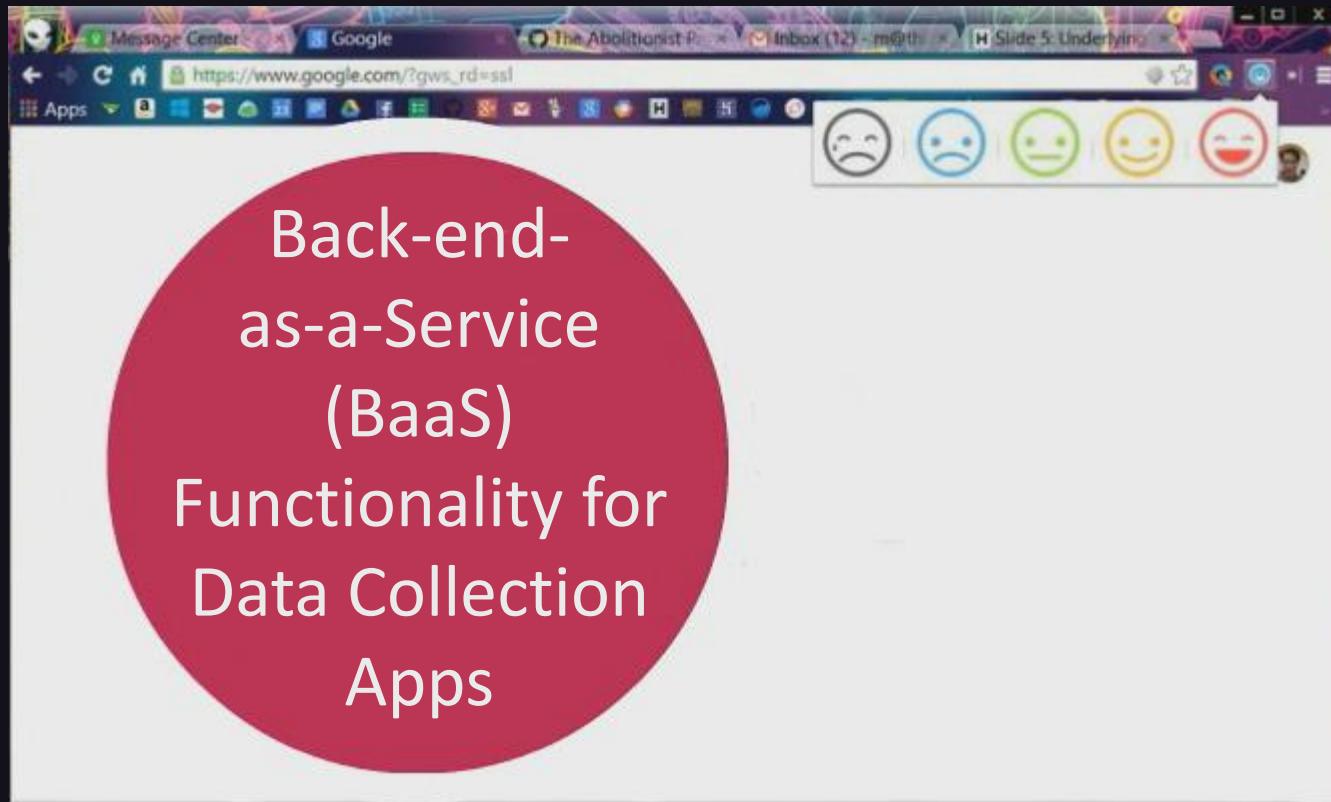
### Nightingale

Nightingale is health technology company transforming preventive care. We envision a world that

### Sensable

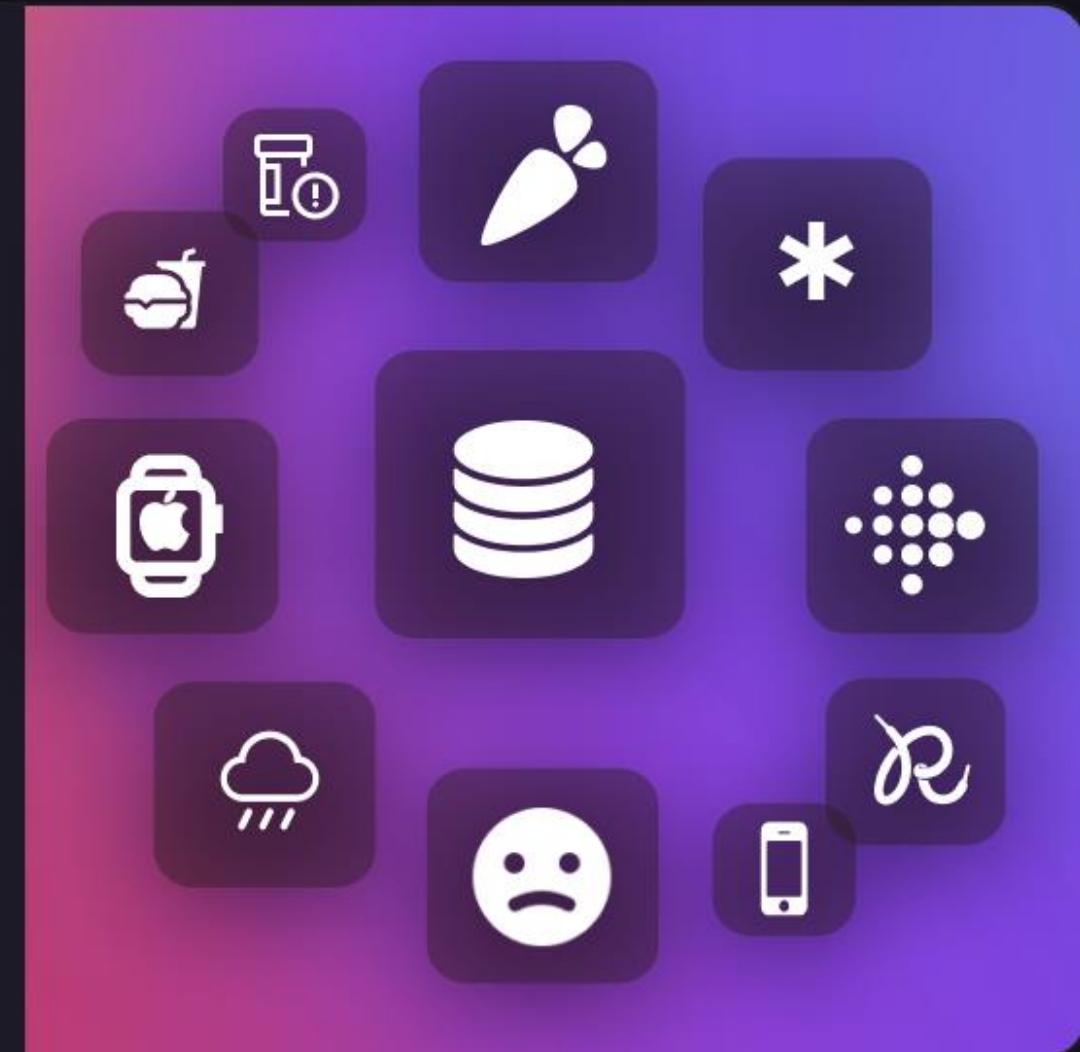
Sensable Health brings a uniquely balanced scientific and

# Data Collection Plugins



# Connector Plugins

The Connector Framework automatically pulls in data from your users' life-tracking apps and devices. This data is then made easily available to your app via a single unified API.



# Data Analysis Plugins



Data  
Normalization,  
Cleaning, and  
Standardization



Mine for Causal  
Relationships  
using  
Pharmacokinetic  
Modeling



Determine  
Values Which  
Lead to Optimal  
Outcomes

# OpenCures Trial Management Plugin

CureDAO can support decentralized clinical trials, which cost less and have a higher success rate than traditional ones.

The screenshot shows the OpenCures Trial Management Plugin interface. At the top, there is a navigation bar with icons for search, light mode, notifications, and user profile (Vincenzo Domina). A blue button on the right says '+ CREATE NEW EXPERIMENT'. Below the navigation, the text 'See the latest experiments' is displayed, followed by a search bar with the placeholder 'Enter a keyword' and a 'My Experiments' checkbox. The main content area shows 'Showing 12 Experiments' with three columns of cards. Each card includes a thumbnail image, the experiment title, the creator's initials, the creator's name, the update time, a brief description, and a summary table with budget and status information. Below each card, there is a small image or graphic related to the experiment. The first card is 'Plasmalogen for Longevity' by VD, updated 20 days ago. The second card is 'PEARL - RAPAMYCIN FOR LONGEVITY' by VD, updated 2 months ago. The third card is 'Metformin/LDN Effects on Glucose & Insulin' by C, updated 2 months ago. The fourth card is 'Last Meal before Bed & SleepQuality' by PS, updated 3 months ago. The fifth card is 'Glutathione Pilot Program' by VD, updated 2 months ago. The sixth card is 'NAD+ Effects on Recovery' by AN, updated 13 days ago.

Budget	Status	Budget	Status
-	In development	\$182,838	Recruiting
1	★★★★★	2	★★★★★

Plasmalogen for Longevity

VD by Vincenzo Domina | Updated 20 days ago

Low Plasmalogen levels correlate with higher mortality in flies

- Budget In development \$182,838 Recruiting

1 ★★★★★ 2 ★★★★★

PEARL - RAPAMYCIN FOR LONGEVITY

VD by Vincenzo Domina | Updated 2 months ago

Rapamycin increases longevity

- Budget In development

1 ★★★★★ 2 ★★★★★

Metformin/LDN Effects on Glucose & Insulin

C by Anonymous Creator | Updated 2 months ago

No description of this project yet

- Budget In development

1 ★★★★★ 2 ★★★★★

Last Meal before Bed & SleepQuality

PS by Phillip Seidel | Updated 3 months ago

Glutathione is critical for maintaining health, protecting the body from toxins, and promoting longevity.

NAD+ Effects on Recovery

AN by Andy Nyquist | Updated 13 days ago

# Study Generation Plugins

We've automatically generated **90,000 natural language studies with visualizations** examining the effects of various factors on symptom severity

The Journal of Citizen Science

Ending suffering through crowdsourced clinical research.

Emotions (43085) Physique (949) Physical Activity (2407) Sleep (2014) Social Interactions (1126) Vital Signs (654)

Cognitive Performance (27) Symptoms (8167) Nutrients (6012) Goals (494) Treatments (5715) Activities (9345)

Foods (8938) Conditions (2) Environment (12947) Causes of Illness (133)

Search for a variable...

Overall Mood (7137) Sleep Duration (3379) Efficiency Score From Rescuetime (3157) Productivity Pulse (3043)

Body Mass Index Or BMI (2692) Sleep Start Time (2517) Guiltiness (2325) Irritability (2164) Energy (2084)

Sleep Efficiency (1854) Incidents of Flatulence (1835) Sleep Quality Rating (1835) Code Commits (1808) Fat Ratio (1802)

Hostility (1794) Heart Rate (Pulse) (1784) Body Fat (1707) Anxiety (1672) Resting Heart Rate (Pulse) (1647)

Sleep Cycles (1644) Awakenings (1643) Acne Severity (1507) Headache Severity (1498) Nervousness (1469)

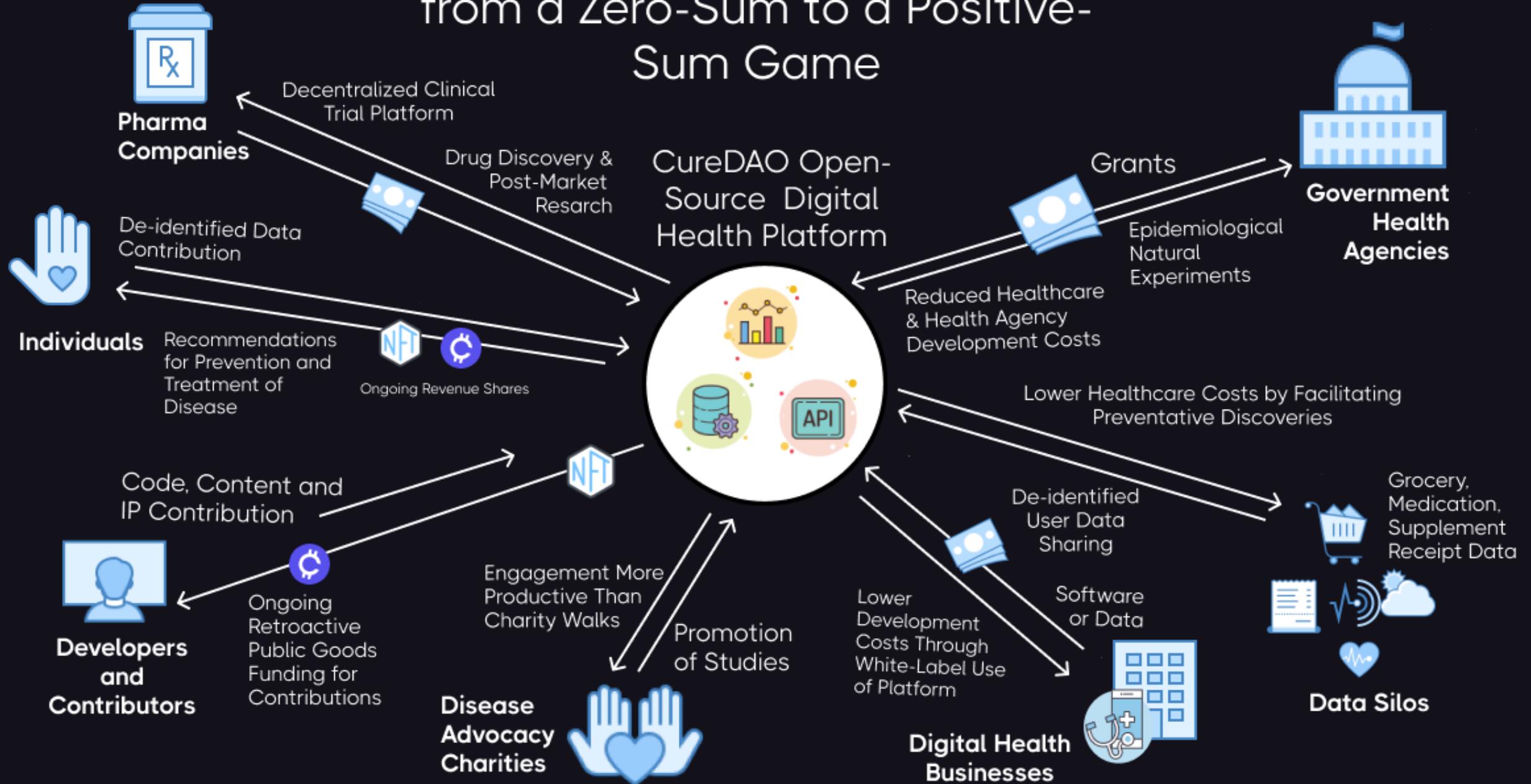
Tiredness / Fatigue (1457) Sleep Quality (1423) Deep Sleep (1384) Alertness (1377) Distress (1349)

Activeness (1326) Fat-Free Mass (FFM) Or Lean Body Mass (LBM) (1325) Back Pain (1303) Enthusiasm (1281)

Stress (1265) Fat Mass Weight (1233) Jitteriness (1226) Determination (1197) Resilience (1180)

Bowel Movements Count (1174) Excitability (1174) Productivity (1156) Hunger (1155)

# How To Change Digital Health from a Zero-Sum to a Positive-Sum Game



# How Intelligent Voluntary Cooperation Makes Everyone Better Off



## Platform Contributors

By contributing to the success of CureDAO, you'll enjoy ongoing royalties in proportion to your contributions.



## Data Silo Owners

By facilitating data sharing, business will enjoy an eventual reduction in their employee healthcare costs (one of their largest expenses) by discovering new, more cost-effective ways to prevent and treat disease.



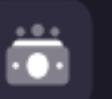
## Data Donors

By anonymously sharing your data, you can receive an ongoing share of the revenue from new treatments discovered. You'll also receive real-time decision support to mitigate and prevent chronic illness.



## Digital Health

Digital Health Businesses can use the platform and reduce software development costs. This allows them to focus on innovating their unique value proposition, making them more competitive in the market.



## Non-Profits

Disease advocacy non-profits can further their mission by promoting study participation. Additionally, this leads to member engagement more productive than the traditional charity walk.



## Government

We can reduce government healthcare costs due to the discovery of new ways to prevent and mitigate chronic illnesses. All nations contributing to a shared open-source code base would reduce development costs.

# USER SEGMENTS

## </> Health Apps

There are 350,000 health apps that can save months of development time and tens of thousands of dollars by using our platform instead of reinventing the wheel.



## Health Insurers

Health plan providers need a more personalized approach to help their members and have found a way to do so with provider-and patient-reported digital health data. By incorporating this data into a centralized repository, payers can analyze and use this information to create and improve their various member services.



It currently costs \$48k per subject in a phase 3 clinical trial. Instead of spending months gathering data, 7 million researchers can create a shareable URL that they can share with participants to authorize access to pre-existing data in quantities never seen before.



## Healthcare Providers

8 million healthcare providers could tremendously benefit from our dashboard visualizing all factors in a patient's health can then help doctors formulate an informed care plan.



## Patients

1.3 billion people managing chronic illnesses can use our client apps and browser extensions, patients can easily track their symptoms, import data from other sources, and discover hidden dietary, behavioral, and environmental factors that could be exacerbating or improving their symptoms.

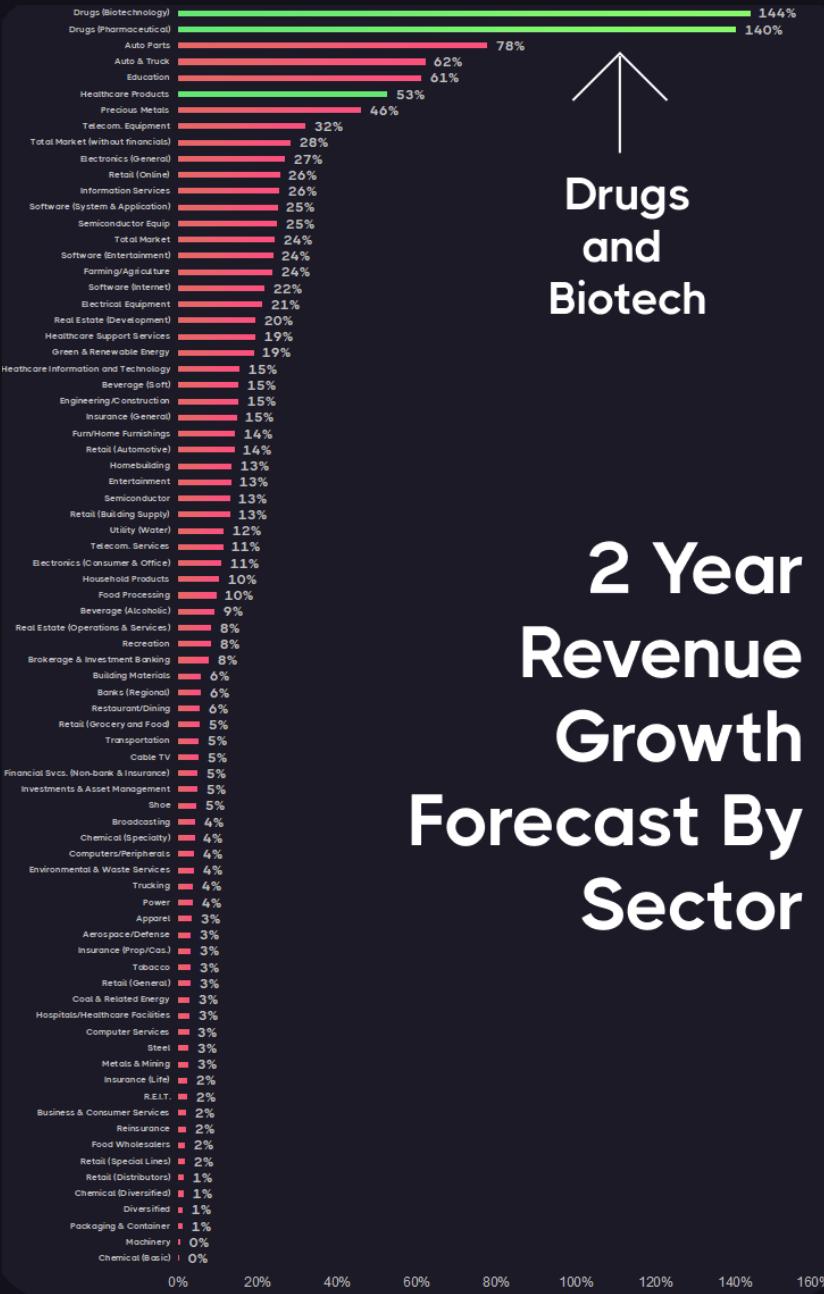


## Pharmaceutical Companies

Treatment and symptom tracking applications would reduce the number of deaths and costs of intervention by alerting patients and their practitioners to conditions before they become irreversible. Additionally, the opportunity to meet and promote these applications to physicians would also serve as a novel new way for pharmaceutical manufacturers to connect with physicians.

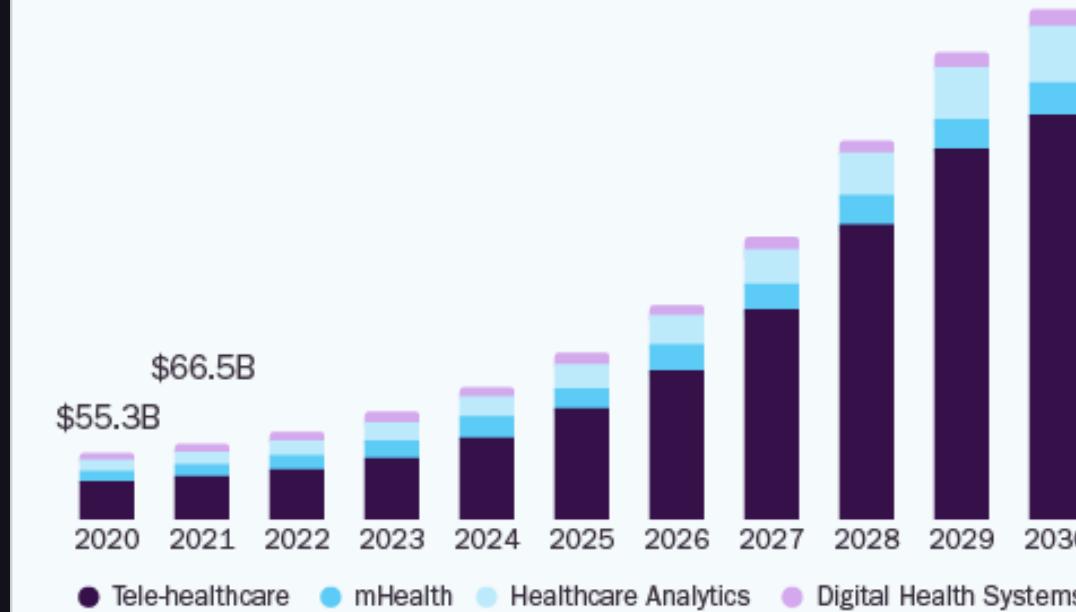
# 2 Year Revenue Growth Forecast By Sector

Drugs  
and  
Biotech



# Market Trends

**U.S. Digital Health Market**  
size, by technology, 2020 - 2030 (USD Billion)



**26.9%**  
U.S. Market CAGR,  
2022 - 2030

Source:  
[www.grandviewresearch.com](http://www.grandviewresearch.com)

# B2B DATA AGGREGATION AND ANALYSIS SaaS REVENUE STREAMS



## Customers

268,747 application developers, researchers, and healthcare providers



## Subscription Pricing

\$600 per month per  
5000 end-users



## On-Site Licensing

Fair Code model which requires licensing for for-profit usage

# BENEFITS OF A DAO

## Incentivizing Data Silos Facilitating Data Sharing

Since every data silos would be rewarded with governance tokens, a DAO provides a way for the 350k apps to all share in the upside of the increased value of the data, turning a zero-sum game into a positive-sum game.

## Trust by Personal Data Sharers

Everyone that shares their data receives governance tokens. The fact that they are owners of a transparent organization would make them more comfortable than sharing with an opaque corporate entity.

## A Class Action Lawsuit Against the DAO Would Be Masochistic

If the users govern the DAO, they'd be less unlikely to act against themselves. If they did file a class action suit against the DAO, they would be suing themselves, driving down the value of the token by the total payout in addition to the legal fees.

## Government Action Against a DAO Would Be A Logical Fallacy

Any government fines imposed on the DAO would be harming the data owners that they are supposed to be protecting. If the government doesn't allow people to govern their own data, then it would be acting completely undemocratically.

# GROWTH STRATEGY

How we'll scale in the future



DAO  
MEMBER  
GROWTH

- Reward study participants with tokens to give them ownership of the platform and compensation for data contribution
- Give tokens to strategic partners with significant influence to incentivize them to use their platforms to grow the DAO



CUSTOMER  
GROWTH

- Create Plugin Framework
- Incentivize sharing studies on social media with personal referral URLs that are tied to smart contracts which reward individuals based on their contributed value



DEVELOPER  
GROWTH

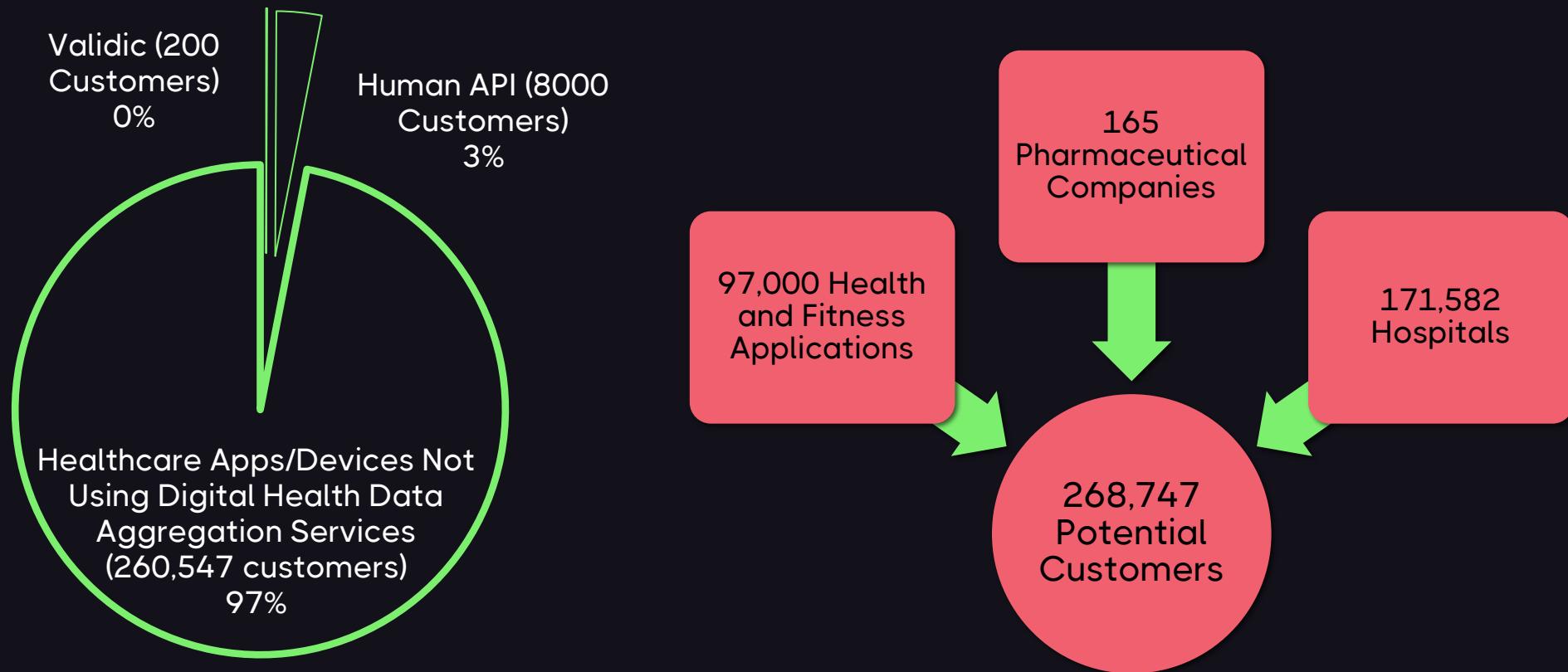
- Establish partnerships with as many of the 350k digital health apps as possible by:
- Creating great developer documentation and easy integration
- Facilitate lots of additional functionality through the plugin framework
- Including a “Powered by CureDAO” that can be removed through upgrading to a white-labeled version

# ~~COMPETITORS~~ Collaborators

Our mission is to compete with no one and **integrate with everyone**. However, some similar closed, private potential collaborators are listed below.

Company	Number of Employees	Total Raised	Valuation	Per user/month
<u>Human API</u>	91	\$36,600,000	\$494,594,595.00	\$0.36
<u>Validic</u>	76	\$18,400,000	\$248,648,649.00	\$0.24
Medable Axon	381	\$518,000,000	\$7,000,000,000.00	\$0.50
Patients Like Me	60	\$151,000,000	\$2,040,540,541.00	
Science37	509	\$106,500,000.00	\$1,439,189,189	
Florence Healthcare	155	\$88,800,000.00	\$1,200,000,000	
datavant	133	\$81,500,000	\$1,101,351,351	

# PRIMARY MARKET (SaaS)



# Product Roadmap



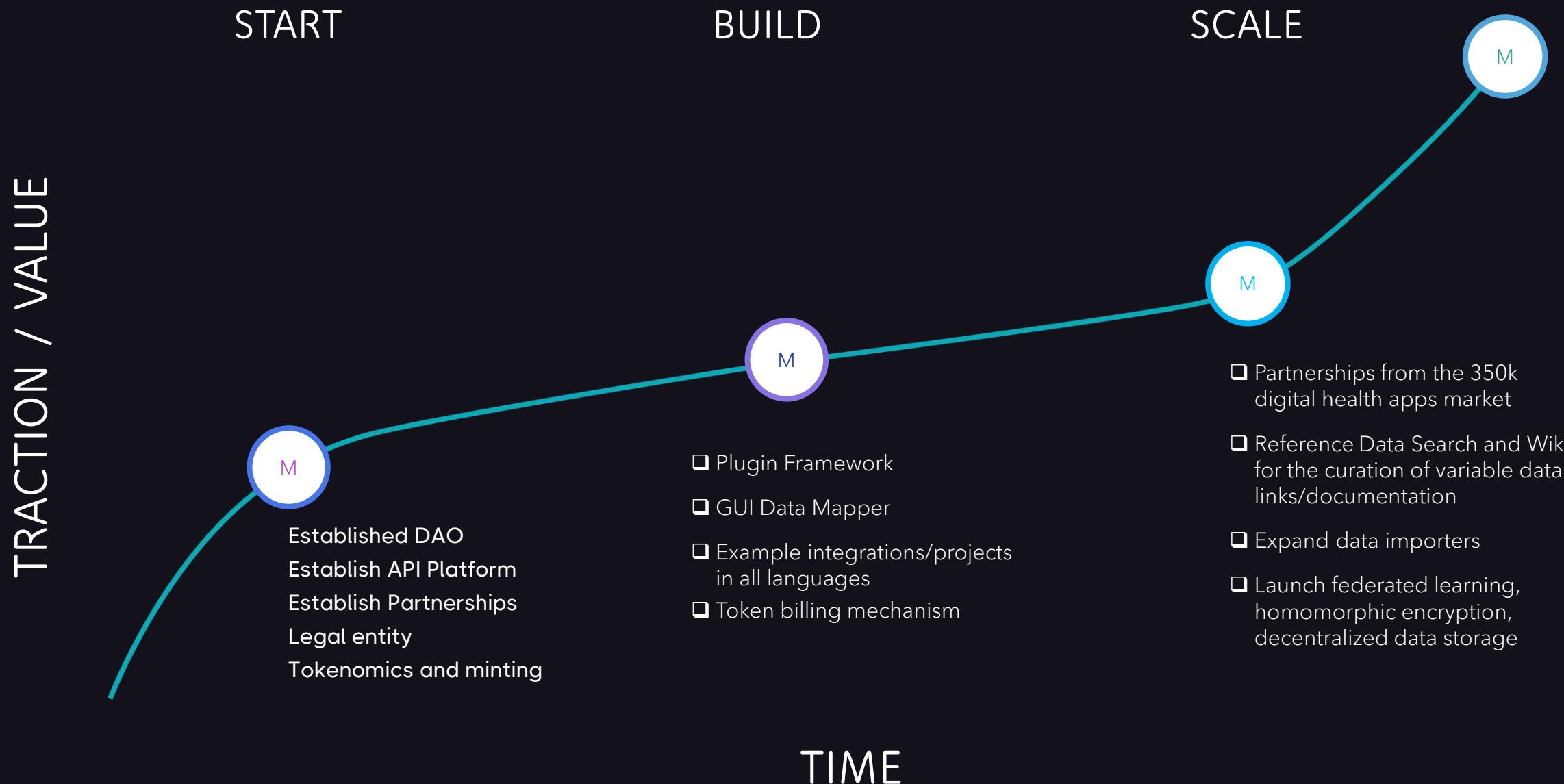
API Platform  
Data Collection & Analysis Plugins  
Data Importers from Dozens of Sources  
Software Development Kits in 8 Languages  
Study Generation and Causal Inference  
Clinical Trial Management  
HIPAA Compliant Storage  
No Code App Builder  
8 Partnerships  
60 DAO Members

**TODO**  
Establish a legal entity  
Apply for SBIR, other grants, & fundraising  
Mint \$CURED tokens that are available via a fair and public auction  
Automate token compensation  
Bounties for security issues and bugs  
Better Documentation of the SDKs and API  
Developer Support for the Various Languages

**TODO**  
Create Plugin Framework  
GUI Data Mapper to Add New Data Import and Export Formats  
Example integrations/projects in all languages  
Billing mechanism to charge tokens for usage  
Support OpenCures and AgelessRX in a Clinical Trial for Rapamycin

**TODO**  
Partnerships with as many of the 350k digital health apps as possible  
Reference Data Search and Wiki for the curation of variable data links/documentation  
Additional data importers  
Federated learning, homomorphic encryption, or decentralized data storage  
Support Lifespan.io in a Clinical Trial for Alzheimers's CureDAO.org

# Roadmap



# Current Partners



LONGEVITY PLAN™



# Use of Funds

Support for Two Decentralized Clinical Trials



Lifespan.io is conducting a clinical trial on a novel new therapy for preventing and treating Alzheimer's disease



OpenCures is conducting a trial to quantify the effects of Rapamycin on aging and longevity.

# **PEARL**

## **PARTICIPATORY EVALUATION OF AGING WITH RAPAMYCIN FOR LONGEVITY**

The following tests will be conducted for evaluating efficacy:

1. Autonomic health tests – including baseline (am) heart rate and baseline (am) heart rate variability testing.
2. Blood tests – Standard measures of risk of age-associated diseases (glucoregulatory markers, lipids), and markers of inflammation.
3. Body composition testing with DXA scans – measuring bone density as well as visceral fat content.
4. Fecal Microbiome testing.
5. Immune Health Tests – including CD4/CD8 ratio, CMV IgG, TNF $\alpha$ , hsCRP, and IL-6.
6. Methylation age–clock testing (e.g. Horvath clock, GrimAge).
7. Skeletal muscle tests – including lean body mass on DXA scan.
8. Physiological data – wearable devices (steps, HRV, etc).

# Stopping Alzheimer's with Light and Sound

The **Assessment group** would focus on **software for the cognitive test**. This will require assessing scientific literature and either using and adopting available cognitive tests, such as **MiniCog**, and/or developing **news test** that would function on either an iOS/Android **smartphone, tablet** and/or **computer** workstation. Another key goal of the assessments group is to have **protocols** in place that would **mimic a trial study** with controls and experimental groups that would be the best fit for this type of **self-administered device**. Development of the “trial protocol” itself may involve considerable overlap with members' expertise among all three working groups.

The **Analytics group** will need to determine the best way to **securely store and manage the data** arriving from the self-assessment test (**IRENA**) and determine the best analytical tools to apply to tease out positive outcomes. This will help determine not only **which multi-intervention combinations are effective**, but also enable us to **determine the minimal numbers of participants required to revisit any promising intervention for any future** follow-up studies in a more traditional “gold standard” double-blinded **clinical trial**. If this approach works, it would have the **profound effect of upending how standard clinical trials are designed** in the future.

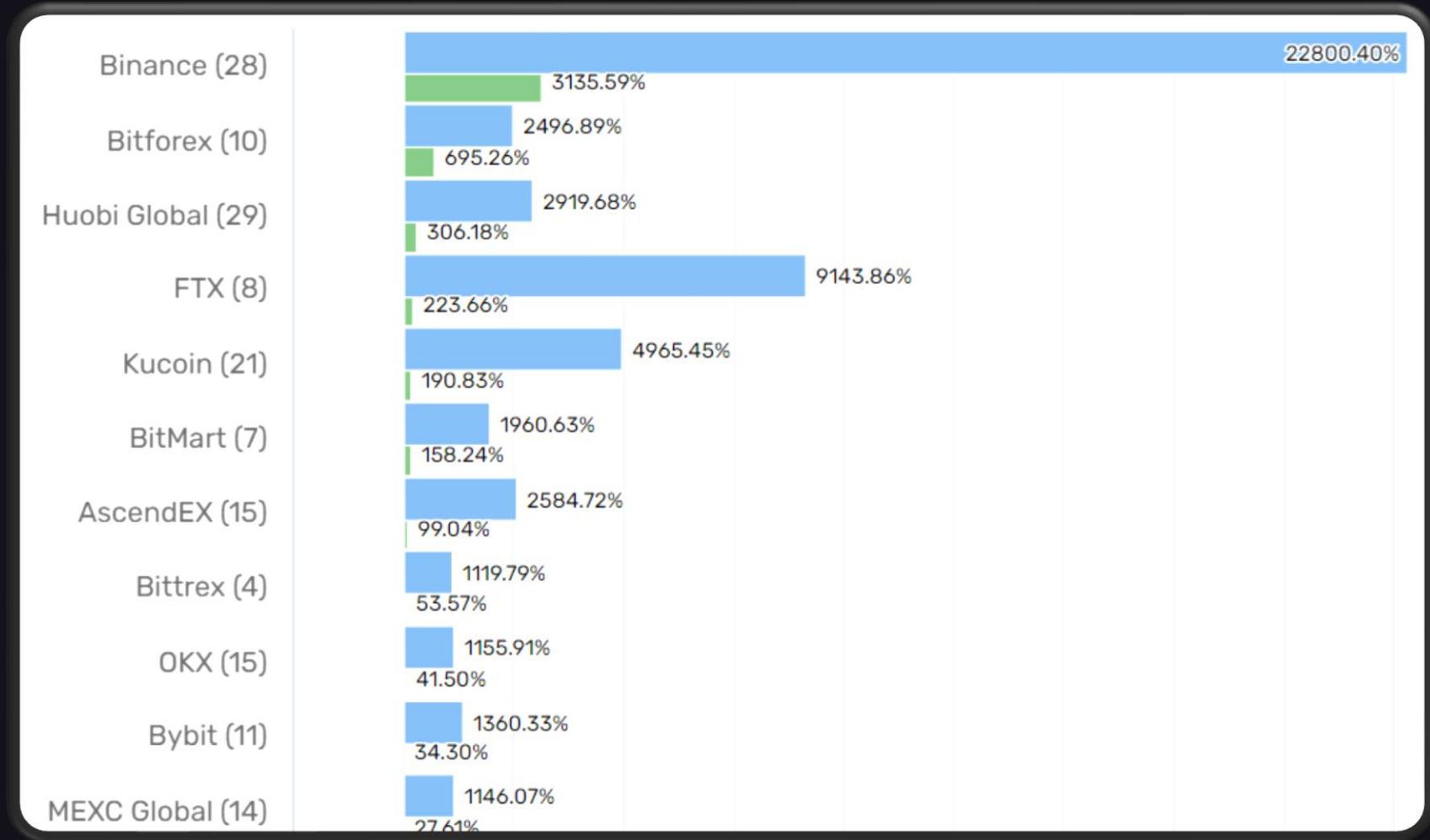
# Annual Expenses

Position	Total Annual Cost w/ Benefits	Hours per Week	Description
Java Developer Support	\$93,750	40	Developer support, documentation, demo projects
JavaScript Developer Support	\$96,250	40	Developer support, documentation, demo projects
Python Developer Support	\$93,750	40	Developer support, documentation, demo projects
Systems Administrator / DevOps	\$91,250	40	Maintains core API infrastructure and deployment and monitoring
Design Lab Director	\$75,000	40	UI/UX and General Graphic Designer / Designs market materials, admin panel features
PHP Developer Support	\$93,750	40	Developer support, documentation, demo projects
Data Scientist	\$137,500	40	Internal DAO optimization and marketing analytics,
Android Developer	\$93,750	40	Developer support, documentation, demo projects
iOS Developer	\$93,750	40	Developer support, documentation, demo projects
Tokenomics Lab Director	\$210,600	40	Solidity Smart Contract Developer
Administrative Assistant	\$52,000	40	Everything else
Dev Lab Director	\$119,600	40	Dev team lead - Product Owner / Scrum Master/ Project Manager, Coordinates, recruits and manages developers
HR Lab Director/Community Manager	\$89,286	40	Recruits DAO members, manages compensation and benefits, performance evaluation, general onboarding
Legal Advisor	\$137,800	8	Health and IP Law
Gov Lab Coordinator	\$28,080	12	Creates and publishes proposals
Collab Lab Director	\$119,600	40	Recruits, negotiates with, promotes collaborating organizations like health apps, other DAOs, health organizations, government agencies
Org Lab Coordinator (CEO)	\$119,600	40	Coordinates between all labs
Comms Lab Director (CMO)	\$119,600	40	Recruits DAO members by creating awareness and establishing a positive public image
Money Lab Director (CFO)	\$119,600	40	Pitches venture capital firms, manages crowdfunding campaigns, handles sales, accounts payable/receivable

**TOTAL ANNUAL HR BUDGET    \$1,984,516**

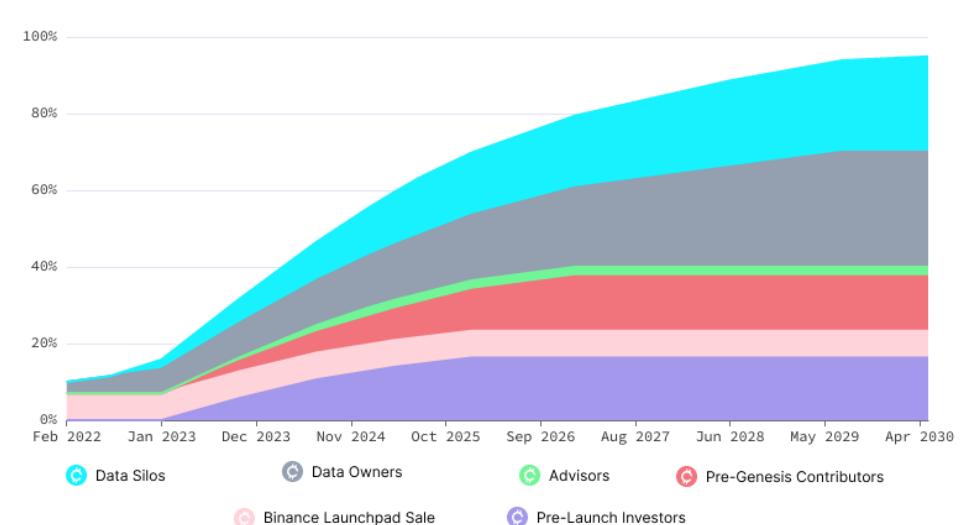
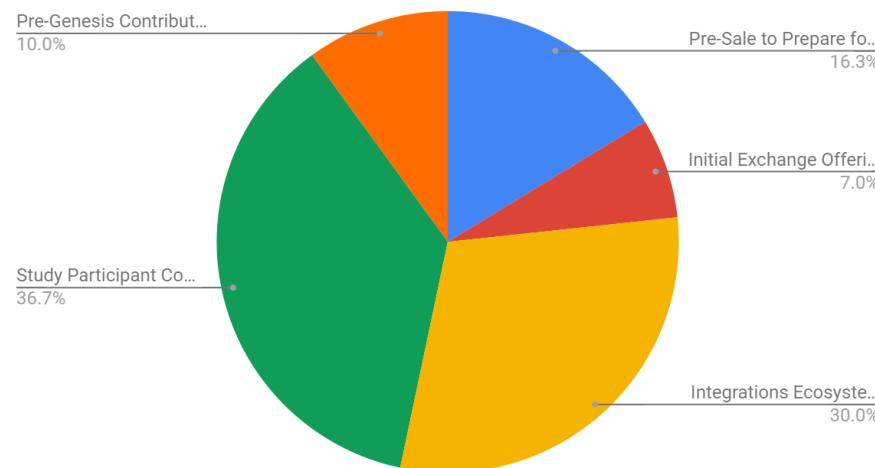
# Our Goal is an IEO on Binance Launchpad

By achieving their average return of 3136% we can maximize the incentive to study participants, partner integrations, and plugin developers to contribute to the project.



# Tokenomics to Optimize Incentives and Long-Term Sustainability

<b>Stage</b>	<b>Tokens</b>	<b>Price</b>	<b>Value</b>	<b>Valuation</b>	<b>% Supply</b>	<b>Description</b>
Pre-Sale to Prepare for IEO	978,000,000	\$0.005	\$4,890,000	\$30,000,000	16.30%	Fund developer support in an array of languages and integrate with as many data silo partners as possible
Initial Exchange Offering (IEO)	420,000,000	\$0.01	\$4,200,000	\$60,000,000	7.00%	Available on Binance Launchpad
Data Silo Integrations	1,800,000,000				30.00%	Fund Data Silos for Integration
Study Participant Compensation	2,202,000,000				36.70%	Data owners have the greatest control over the platform
Pre-Genesis Contributors & Advisors	600,000,000				10.00%	Reward Early Contributors for Time and Risk Proportional to Contribution
Total	6,000,000,000		\$9,090,000		100.00%	Total



# CONTRIBUTORS



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MD with a passion  
for Blockchain  
and Science



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University lecturer on  
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Kaggle grandmaster.



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Narwhal Sciences -  
Launched a \$300M program  
for organ preservation with  
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MOTYKIEWIC**

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List | Specializes in IP law and  
international business



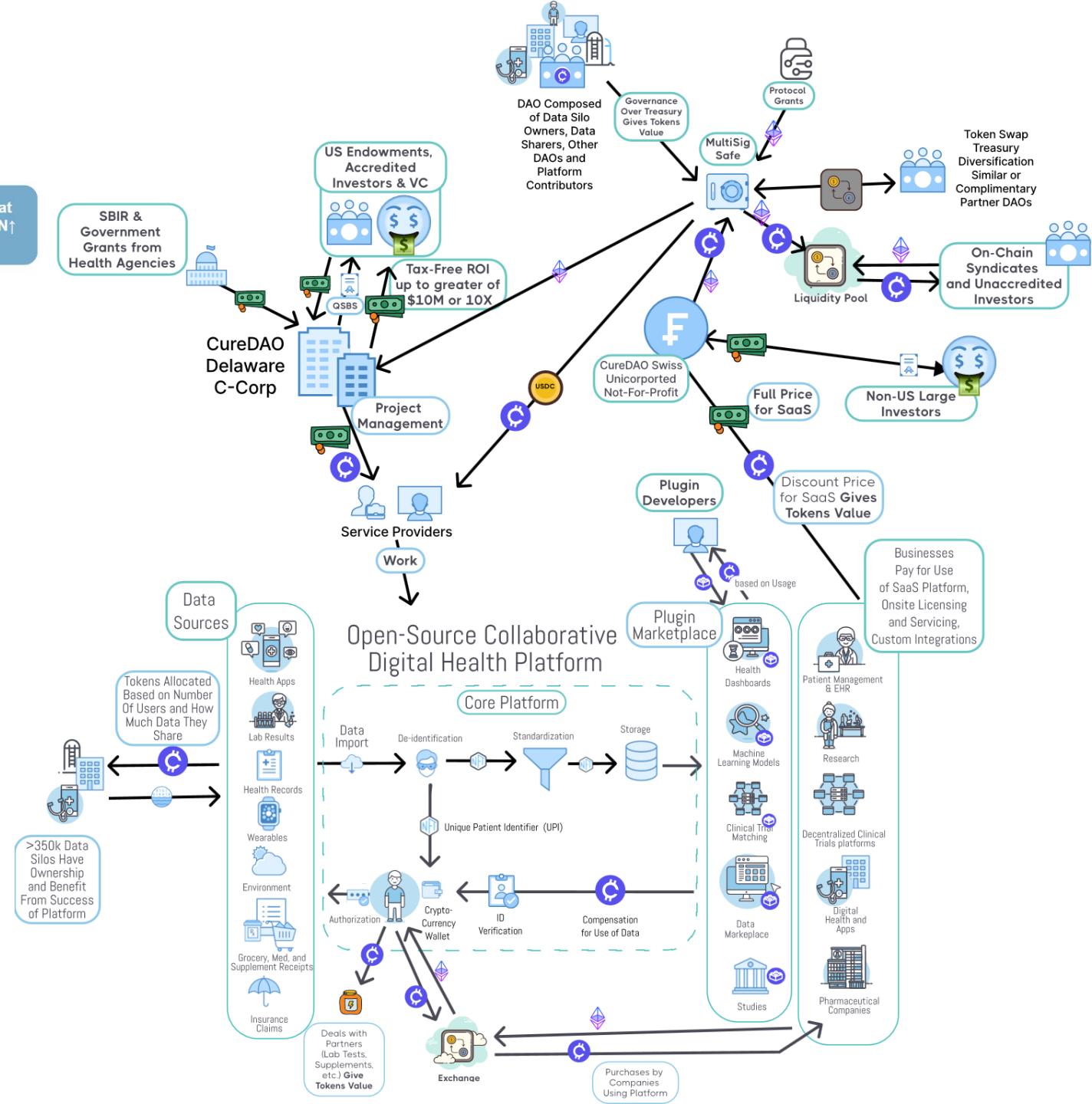
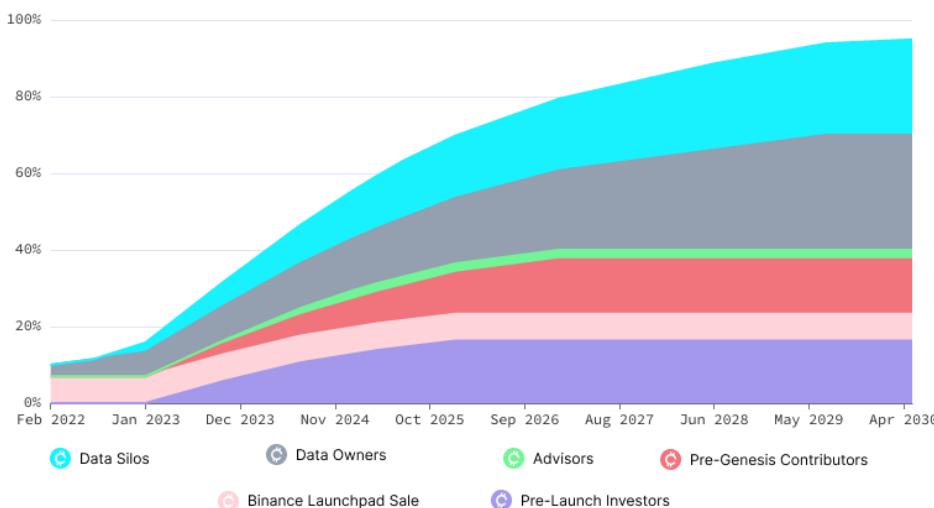
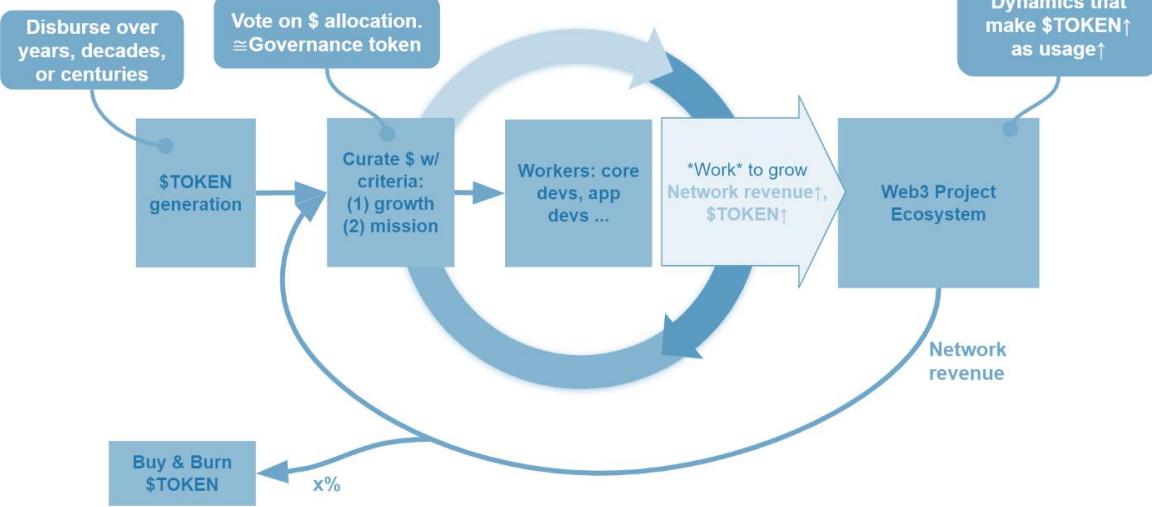
**DR JUANITA  
MATHEWS**

Staff scientist at Tufts  
University with Dr. Michael  
Levin at the Allen Discovery  
Center



# Appendix

# The Web3 Sustainability Loop



# BUSINESS VALIDATION

- 80% of Clinical Trials Fail Due To Inadequate Recruitment
- Successful ones often spend upwards of \$30M on Recruitment
- Validic has received over \$12 million in investments this year
- Human API has received \$6 million in new investments this year
- Continued >50% CAGR projected in the digital health space

# Current Total Addressable Market

613 Million People Track a Health Indicator

× \$3 /user/year

= \$1.8 Billion TAM



# SaaS Pricing



**BETA**

**\$0 / per month**

- Try it for free!
- Secure Cloud Storage

**PARTICIPANT APPS**

- 100 Users
- QuantiModo Branding
- Android App
- Chrome Extension

**FEATURES**

- Treatment Tracking
- Symptom Tracking
- Emotion Tracking
- Diet Tracking
- Automatically Import User Data from Over 30 Apps and Devices
- Study Enrollment
- Export Data as CSV, XLS, or PDF

**SUPPORT**

- Knowledgebase
- Interactive API Explorer
- Software Development Kits in Over a Dozen Languages

[Request Demo](#)



**DEVELOPER**

**\$1.25 / per user per month**

- Billed Monthly
- Secure Cloud Storage
- HIPAA Compliant with Business Associate Agreement

**PARTICIPANT APPS**

- Unlimited Users
- Your Branding
- Android App
- Chrome Extension

**FEATURES**

- Treatment Tracking
- Symptom Tracking
- Emotion Tracking
- Diet Tracking
- Automatically Import User Data from Over 30 Apps and Devices
- Study Enrollment
- Export Data as CSV, XLS, or PDF

**SUPPORT**

- Knowledgebase
- Interactive API Explorer
- Software Development Kits in Over a Dozen Languages
- Up to \$100,000 USD traded
- Support Tickets



**HIPAA-COMPLIANT**

**\$2.25 / per user per month**

- Billed Monthly
- Secure Cloud Storage
- \$2500/month Minimum Charge
- HIPAA Compliant with Business Associate Agreement

**PARTICIPANT APPS**

- Unlimited Users
- Your Branding
- Android App
- Chrome Extension

**FEATURES**

- Treatment Tracking
- Symptom Tracking
- Emotion Tracking
- Diet Tracking
- Automatically Import User Data from Over 30 Apps and Devices
- Study Enrollment
- Export Data as CSV, XLS, or PDF

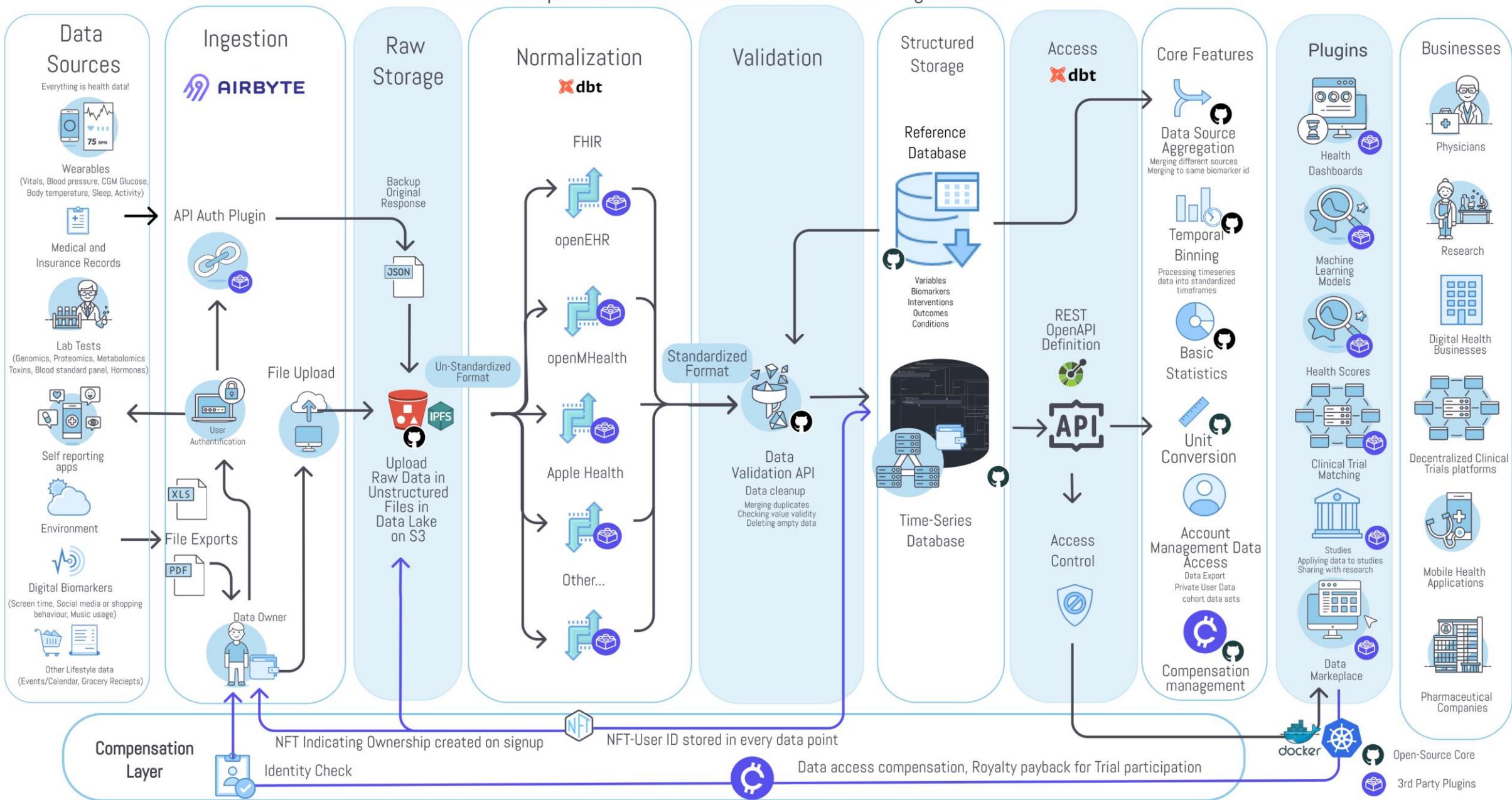
**CUSTOMIZATION**

- App Source Code
- Custom Notifications
- Custom Integrations

**SUPPORT**

- Knowledgebase
- Interactive API Explorer
- Software Development Kits in Over a Dozen Languages
- Support Tickets
- Phone Support

# CureDAO Open Source Collaborative Platform for Digital Health



# Overcoming Challenges with Real-World Evidence and Inferring Causal Relationships

Predictive control model machine learning algorithms can systematically determine optimal treatment dosages based on measurements obtained under real-life conditions involving noise, disturbances, and uncertainty.



## Onset Delay & Duration of Action

To account for the delay in effect, treatment and outcome data is paired after accounting for onset delays and durations of action.



## Repeated A/B Experiments

The user acts as their own control group with a no-treatment baseline. This treatment/baseline cycling is repeated to ensure replicability.



## Coherence with Existing Research

Likelihood of causality is increased by the existence of similar findings in studies via the clinicaltrials.gov API.



## Plausible Mechanism of Action

The likelihood of a biochemical mechanism is crowdsourced by user voting.



## Consistency Among Participants

Consistent findings observed by different persons in different places with different samples strengthens the likelihood of causality.

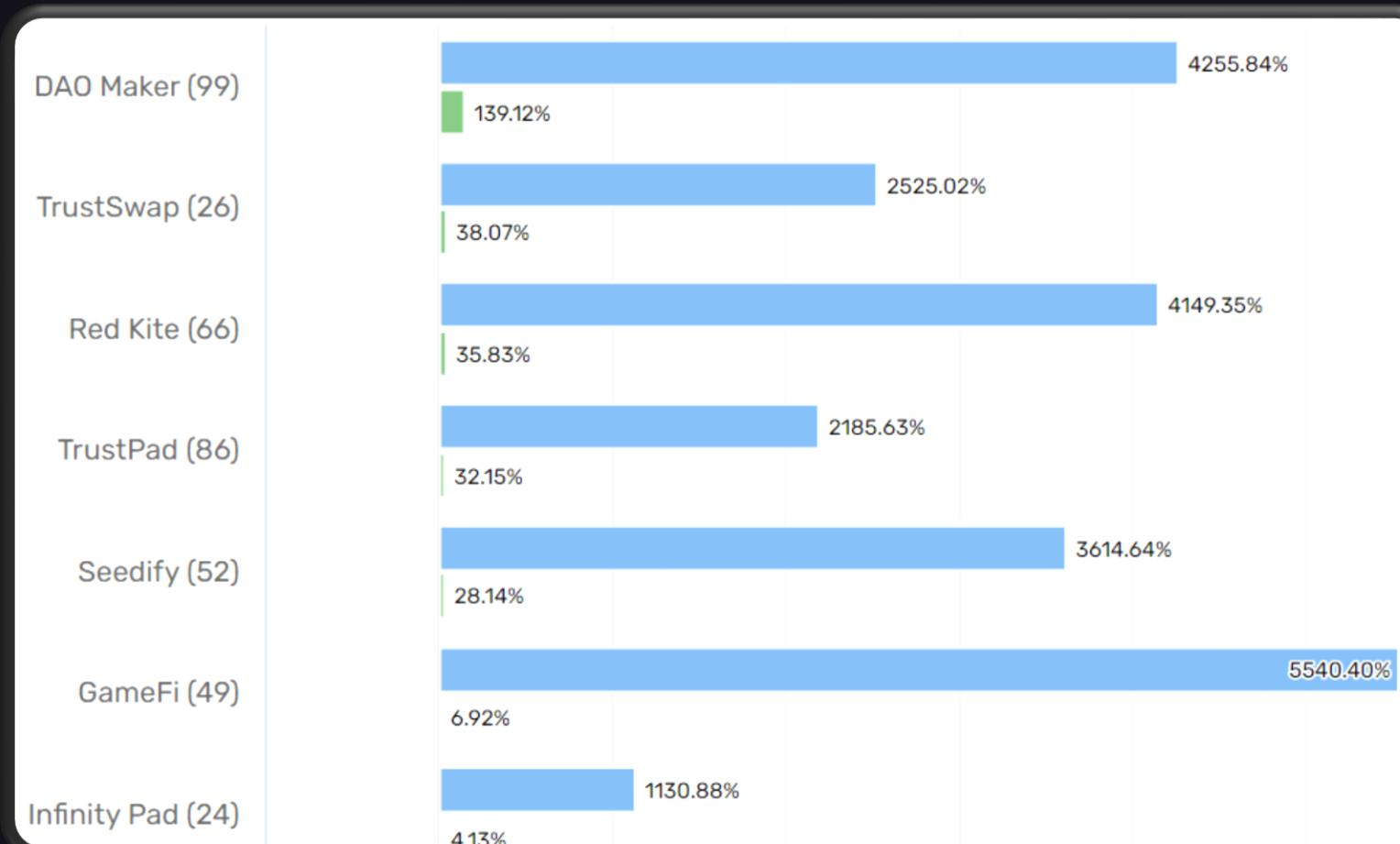


## Biological gradient

Greater exposure should generally lead to greater incidence of the effect.

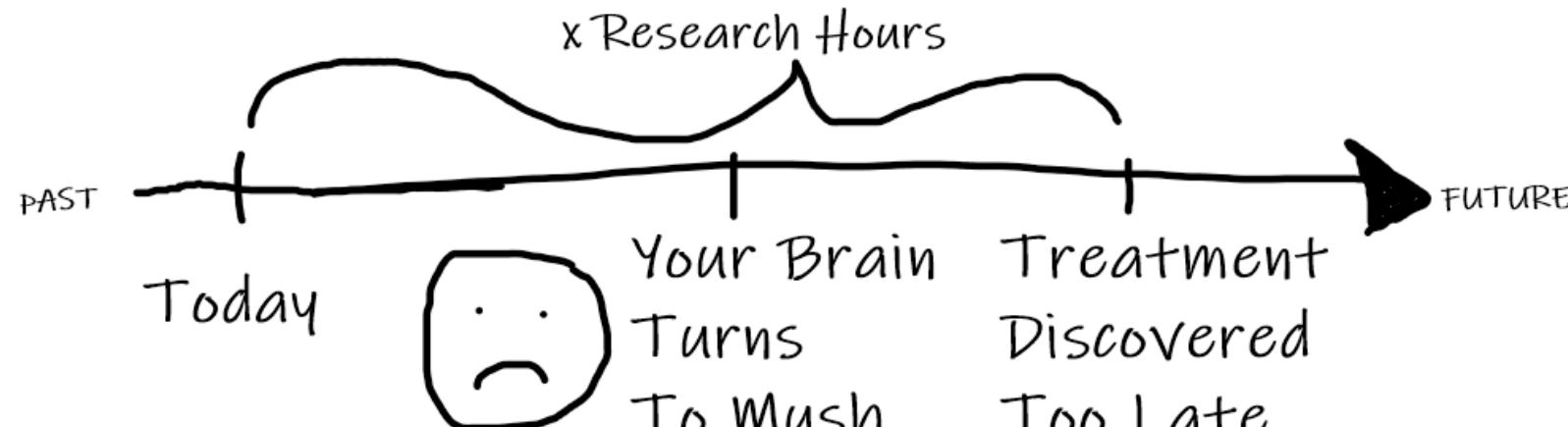
# Decentralized Exchange IDOs

Current and ATH Average Returns since IDO (ROI) by Platforms

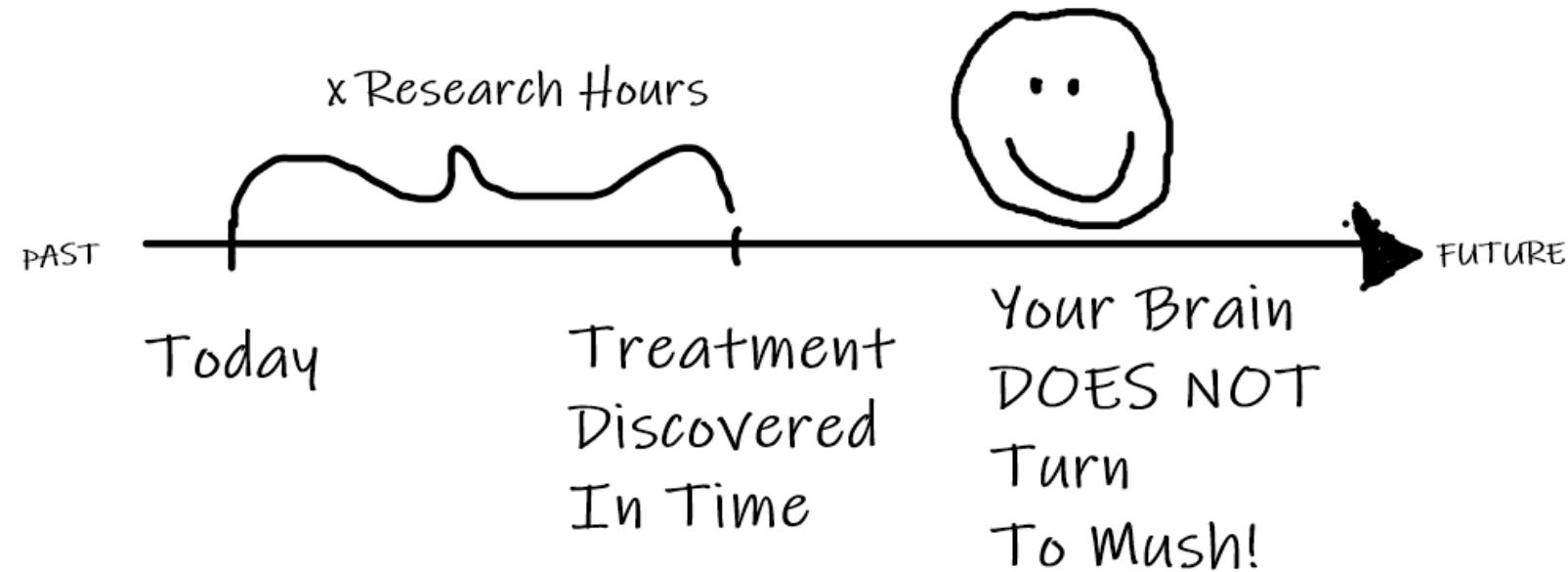


**GOAL:**  
Make clinical  
discovery as  
**FAST,**  
**CHEAP,** &  
**PRECISE**  
as hell.

## Scenario 1: Slow Research



## Scenario 2: Fast Research



# Links

1. [Presentation Notes](#)
2. [Whitepaper](#)
3. [Population Study Example](#)
4. [Benefits of Decentralized Clinical Trials](#)