



# DeBio

## Decentralized Bio Network

The Anonymous-First Appchain for Medical and Bioinformatics Data

*Presented by: Pandu Sastrowardoyo (@decentricity)*

<https://www.debio.network>

Partners



Awards



## Our Vision:

Allow users to sample and test anonymously, without leaving home. Empower labs of all sizes to collaborate on analyzing genetic and medical data and offering joint biomedical products.

*Your DNA is the most valuable data you have.  
Why not own it?*

# Challenges

to

# Opportunities

Companies Own and Monetized  
Personal Data and ID  
[\(Consumer Reports\)](#)



Centralization of KYC'd Genetic  
Data leads to the Honeypot Problem  
[\(Medium.com\)](#)



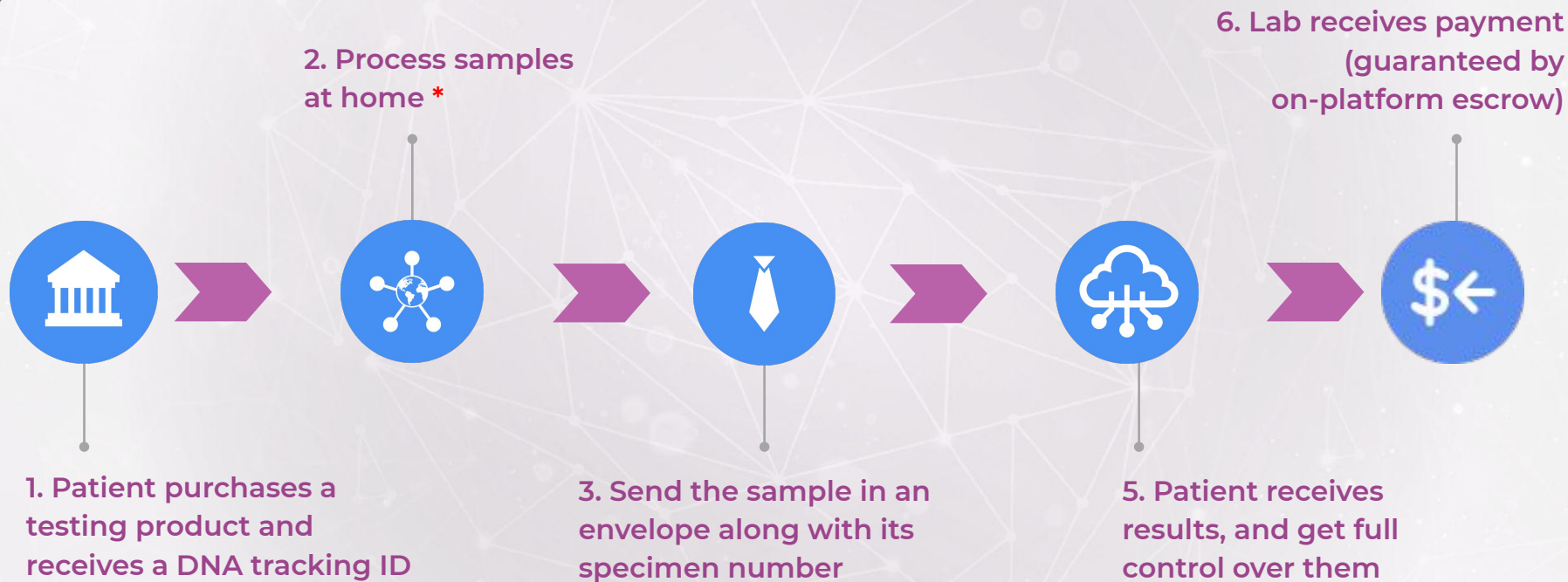
Genomic Stocks: The First Inning of  
Multi-year Megatrend  
[\(Forbes\)](#)



Genetic Testing Market Will Reach  
USD 18.6B By 2025  
[\(Brandessence\)](#)

47% Genetic Testing Consumers Are  
Very Concerned About Their Privacy  
[\(PwC\)](#)

# Testing Process



\* using over the counter or readily available material, e.g., cotton buds for buccal swab

# Benefits



## Visibility

Get visibility online for your lab and your offer



## Growth

Increase your patient base via online orders and DeBio's own marketing



## Risk Reduction

Reduce the risk of damaged samples thanks to DeBio educational material

# Advantages



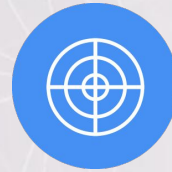
**No License  
Fees**



**Easy-To-Use  
Interface  
With Guided  
Steps**



**Escrow  
System**



**Passive  
Inbound  
Order System**

# Use Cases



## Decentralized Genetics

Perform genetic testing anonymously.



## Biomedical Testing

Provide anonymous-first, at home medical testing.



## Interlab Collaboration

Allow for inter-lab collaboration for joint products and services.



## Electronic Medical Record

Patients get sovereignty over their medical records.

# Smooth Transition

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DeBio is web based and can be accessed anywhere that has internet access.



Upload test results seamlessly for free on our decentralized platform



Secure guaranteed payments using our escrow system



# Lab Onboarding Flow



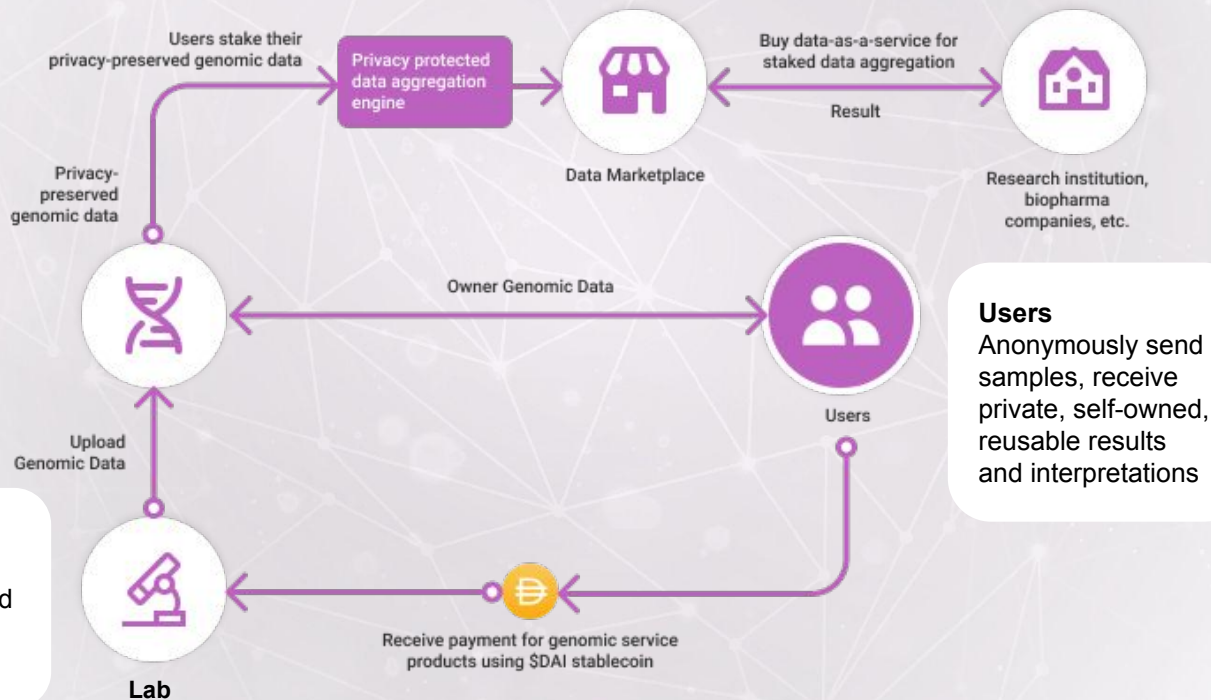
Register your lab data via the app



Register your products via our web app

*We are looking for labs to run a pilot with us, don't hesitate to contact us via [contact@debio.network](mailto:contact@debio.network)*

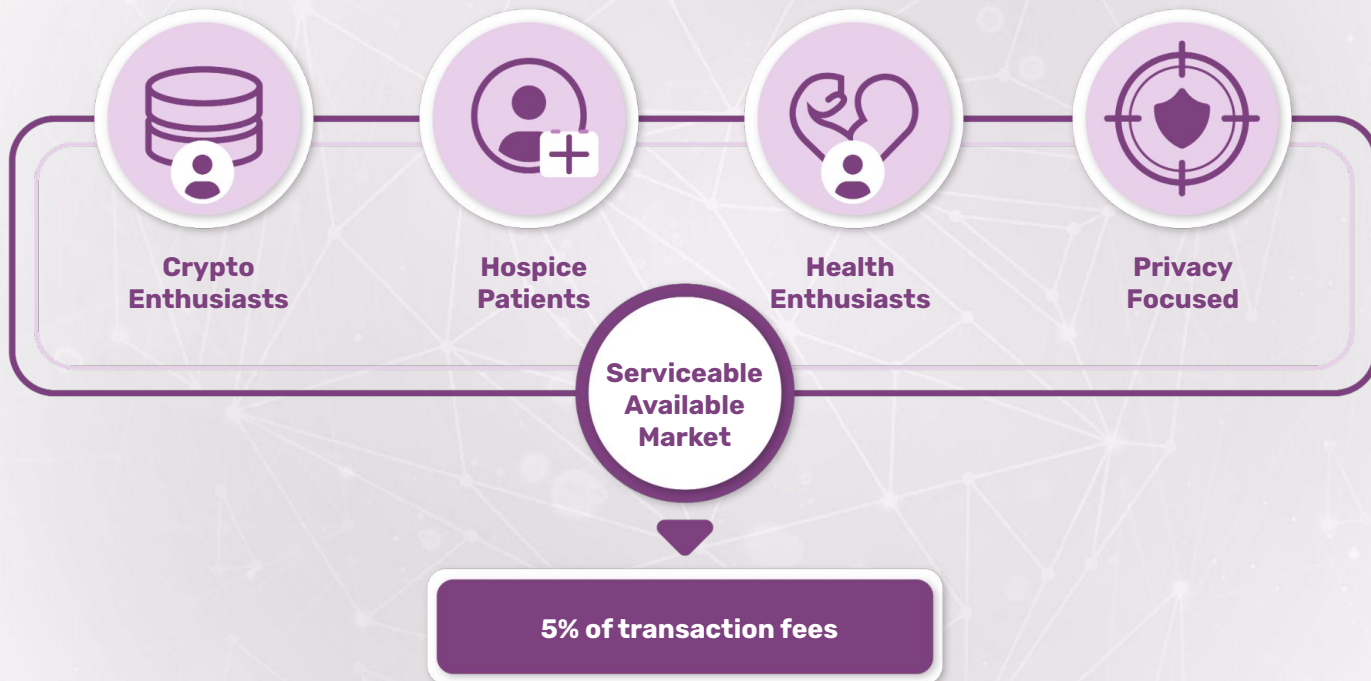
# Ecosystem



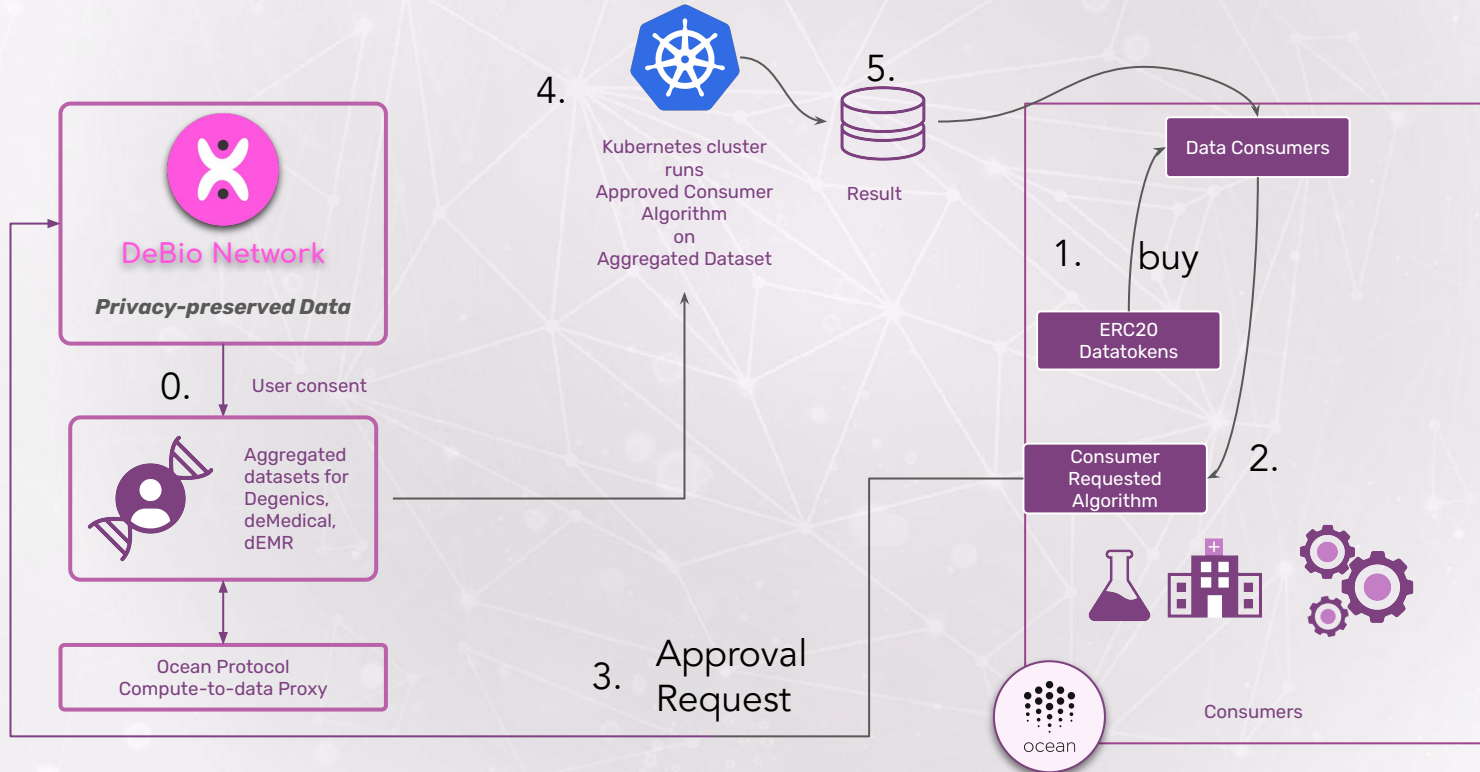
**Labs**  
Receive anonymized samples, upload results and interpretations with a privacy-preserving method

**Users**  
Anonymously send samples, receive private, self-owned, reusable results and interpretations

# Market Segments / Revenue Streams



# Privacy Computing (Simplified)



# Team



**Pandu Saswardoyo**

Chief Executive

IT & Blockchain consultant and business leader. Former environmental engineer with bioinformatics course certificates and microbiology experience. Ex-IBM, cofounder of multiple Blockchain organizations, as seen in Forbes, CNBC, CNN, Deutsche Welle, Forkast News, and many others.



**Kevin Janada**

Chief Engineer

Experienced developer with multiple years of experience in building blockchain based web applications in the Ethereum ecosystem. Strong engineering experience in web applications, and Node.js. Currently leading the engineering team develop the DeBio platform and its underlying infrastructure.



**Ibn Gamal Alhadid**

Chief Scientist

Biologist, fitness professional, and wellness enthusiast. Experienced in network marketing, business development, and sales throughout a wide range of industries. Coordinates the DeBio.Network Advisors.



**Oham Dunggio**

Executive Advisor

Engineering Background. Producer of Kuliah Aset Kripto Podcast, Former Chairman of Indonesian Blockchain Association, ex business development from Indodax, one of the biggest crypto exchange in Indonesia.

# Bioinformatics & Medical Advisors



**Dr. Agus Mutamaklin, M.Sc**

CIO of a major govt-owned hospital in Indonesia and a member of the healthcare informatics technical committee of the National Standards Bureau along with the National Telemedical Program with 15 years of experience.



**Karlia Meitha, Ph.D**

Researcher in the molecular biology field with interest in genome editing and the small RNAs application to support sustainable living. Writes scientific articles regarding plants, within the molecular and physiology field.



**Popi Septiani, PhD**

Researcher specializing in genomics and bioinformatics. Experienced in genomic data analysis and transcriptomics in the medical and agriculture fields.



**Dr.Rer. Nat Marselina Irasonia Tan**

Researcher specializing in molecular and cellular biology in the biomedical science field. Experienced of cancer biology, immunology, and whole genome sequencing research.



**Dr. Theza Pellondo'u, Sp.KF**

Experienced in medical forensics, medicolegal, and bioethical fields, including assisting to solve criminal cases and ethical problems within the medical field. Previously the Chairman of Law and Ethics for a private hospital in Jakarta.



**Dr. Hendy Wijaya, M.Biomed**

Researcher with a scientific specialty in biochemistry, nutrition, genetics, and metabolic disease.



**dr. Kresna Sucandra, MD**

Medical doctor who loves technology and entrepreneurship. Currently works as an anesthesiologist, intensivist, lecturer at medical school, and medical clinics co-founder. A blockchain development engineer and startup co-founder. Actively contribute to the blockchain ecosystem in Polkadot.

A Partner of



A Member of



Technology partner



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IPFS





# Thank You!

**Try the demo**

[Demo.debio.network](https://demo.debio.network)

**See the code**

[github.com/debionetwork](https://github.com/debionetwork)

**Download deck and**

**whitepaper at**

[debio.network](https://debio.network)

**Join our Telegram**

**Group**

<https://t.me/debionetwork>  
[work](#)

**Contact us**

[ceo@debio.network](mailto:ceo@debio.network)