



VitaDAO Overview

VitaDAO is a decentralized collective
funding longevity research & drug discovery

Q1 2023

THE PROBLEM

**How do you
advance cures
for age-related
disease in an
inefficient
system?**



- ✗ **Biopharma: Currently Treating Symptoms**
Industry has not been targeting the root cause of age-related diseases - aging itself. Until recently, aging was not widely considered 'druggable.'
- ✗ **Academic Output is Underutilized**
Valuable IP in universities is sitting on the shelf due to inefficient tech transfer offices.
- ✗ **Biotech IP is Illiquid**
There is no efficient market for biotech intellectual property, and requires a management team to advance the asset into the clinic.

THE SOLUTION

Decentralized, community-driven longevity therapeutics funding and development



- ♥ **Targeting aging is a new paradigm of medicine**
Focus on the root causes of age-related diseases. Labs all over the world can already extend healthy mouse lifespan by $\pm 30\%$ through dozens of interventions. Billions of dollars have been invested in the LongBio field recently, but mostly later stage.
- ♥ **Global Talent & Resources**
We have attracted thousands of people who specialise in geroscience and drug discovery. We have more dealflow than most VCs and many specialists to perform diligence. Anyone can contribute funds.
- ♥ **Highly Diversified & Liquid Portfolio**
We fund and incubate academic and industrial R&D, with many shots on goal. Proceeds are re-invested back into the treasury for capital accumulation.

WELCOME TO VITADAO!



VitaDAO is the leading Biotech DAO funding longevity research and drug discovery

VITADAO AT A GLANCE (JAN '23)

15+ Projects funded with \$3.5M+

100+ Projects evaluated

9000+ Community Members

~\$4.5m in Treasury (liquid)

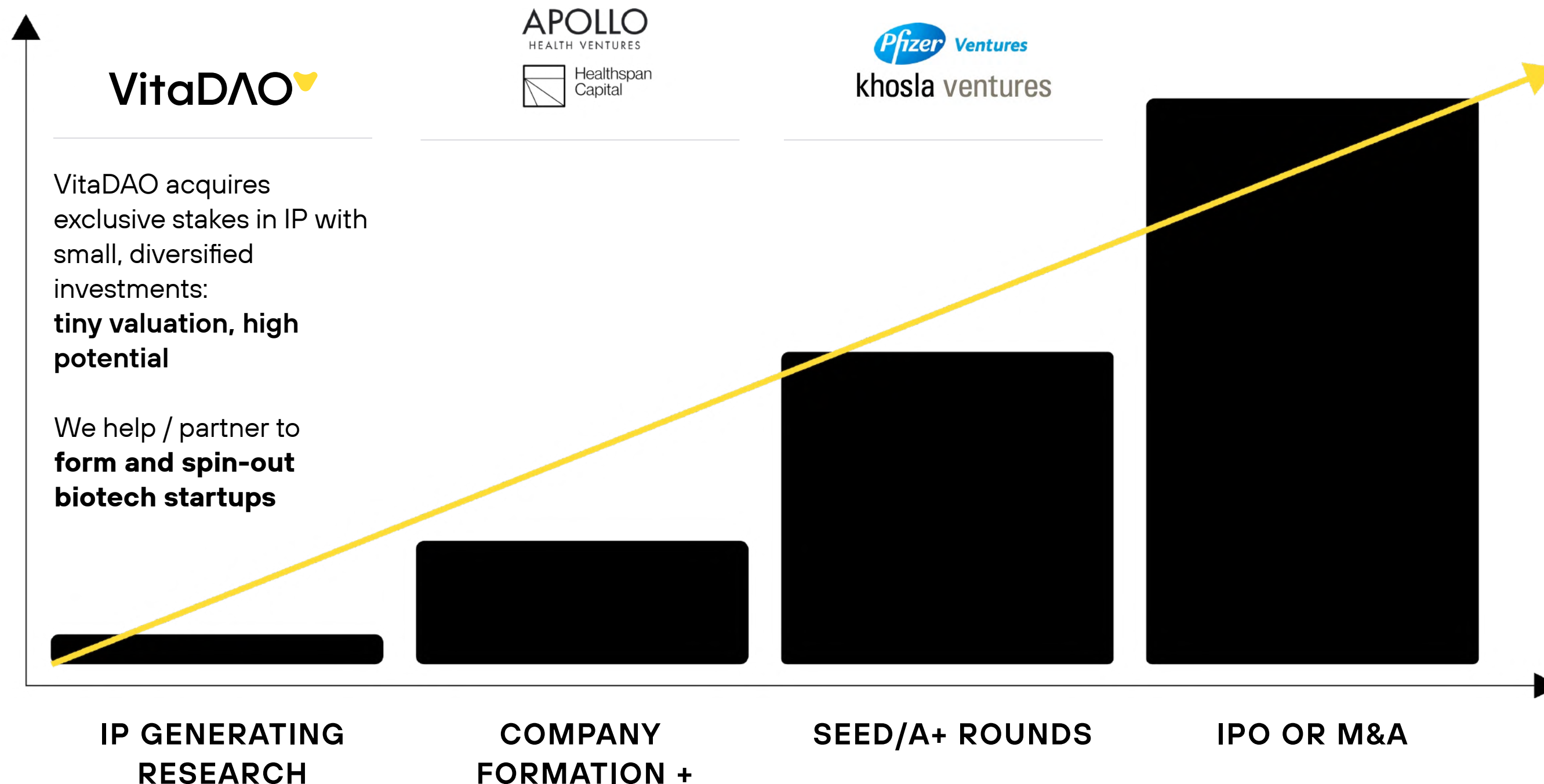
~\$25m in Assets

We fund early stage research, develop IP assets and spin-out startup biotech ventures with industry partners and VCs.

Members join VitaDAO by purchasing a membership, buying VITA governance tokens or earning them through contributions of work or intellectual property.

We are a rapidly scaling collaborative network of expertise – our goal is to change the way that science is funded and translated into new medicines.

We are the first money in, with the highest upside potential



We advance research so that a biotech startup can be created.

We have partnered with Apollo Health Ventures, Healthspan Capital, and Pfizer Ventures within <1 year of operations. We have co-invested with leading VCs.

We discover and finance longevity IP leveraging decentralized network effects



Longevity Dealflow Working Group

Researchers are incentivized to join & open their networks to:

- Source and diligence assets.
- Incubate projects and support researchers.
- Make funding recommendations to the community.

The dealflow funnel

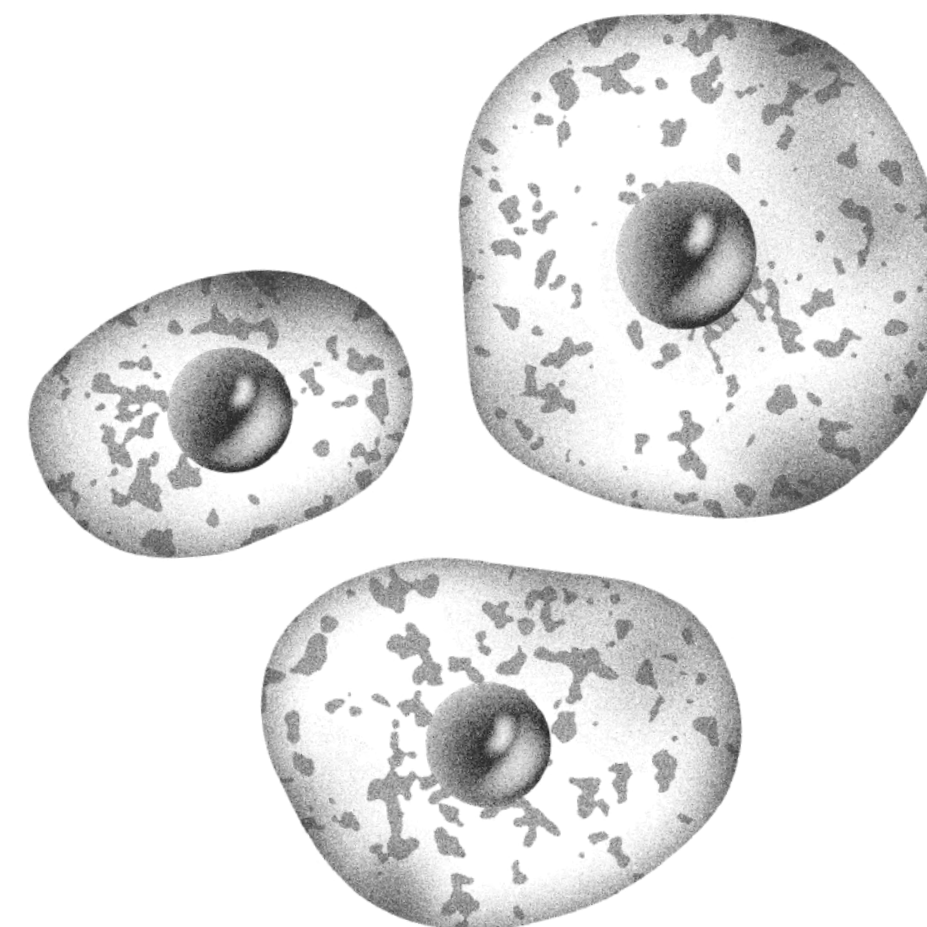
Deals are evaluated on strength of science and commercial merit by senior reviewer panels.

VITA token holders approve projects

After 3 phases of review by experts, the community votes.

VitaDAO uses IP-NFTs and decentralized marketplaces

- IP is held on-chain using Molecule's IP-NFTs.
- IP-NFTs are liquid, fractionalizable, and transferrable.
- VitaDAO sells and out-licenses IP to institutional buyers.



FEATURED PROJECTS

15+ projects funded to date



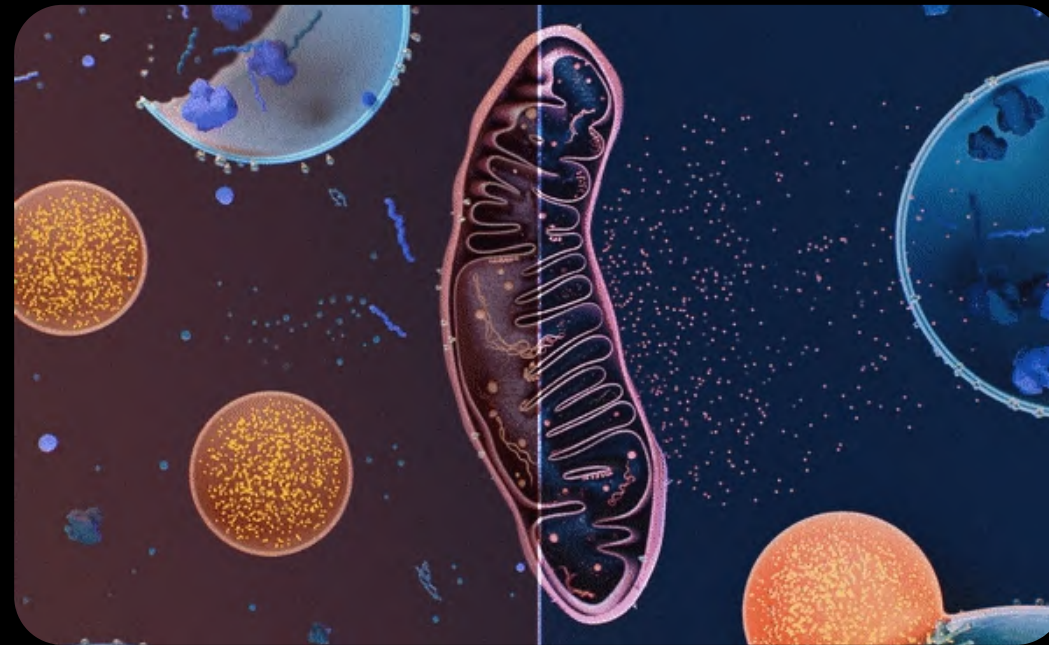
Rubedo.Life

Rubedo is building a platform for longevity medicines using senolytic “smart drugs” (prodrugs) that are selectively activated in pathogenic target cells, including the senescent cells that cause chronic ‘inflammaging’ and immune senescence.

Amount allocated

\$ 350,000

EQUITY



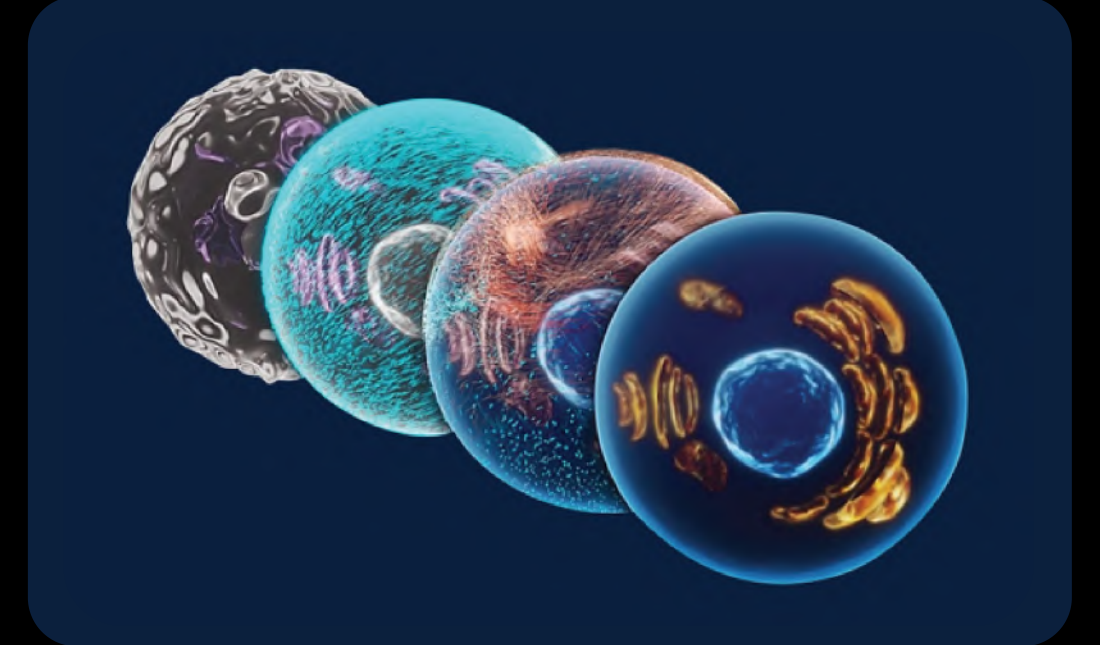
Korolchuk Lab

The Korolchuk lab has established a drug discovery pipeline for identifying autophagy-enhancing small molecules. Autophagy activation is one of the most promising mechanisms of action for geroprotective medicines, acting as a mimetic of fasting and caloric restriction.

Amount allocated

\$ 285,000

IP-NFT



Turn Biotechnologies

Turn Bio is a Stanford Spinout developing mRNA medicines that induce ‘epigenetic reprogramming’. They apply the Yamanaka factors – a Nobel Prize-winning discovery for transforming adult cells into embryonic-like stem cells (iPSCs). We invested prior to the announcement of deals like Altos Labs and the reprogramming space becoming ‘hot.’

Amount allocated

\$ 1,000,000

EQUITY

FEATURED PROJECTS



15+ projects funded to date



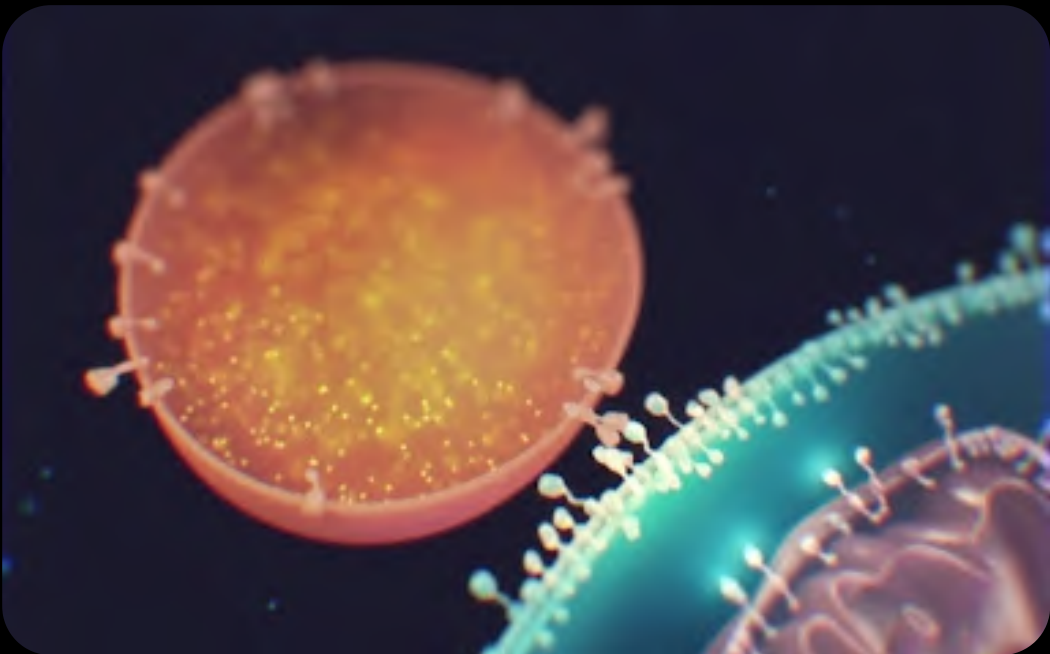
Scheibye-Knudsen Lab

What if therapeutics to slow down the aging process and prevent age-related disease already existed? The Scheibye-Knudsen Lab at the University of Copenhagen is applying ML to data on 1.04 billion prescriptions from the Danish government database. Lead discovery will be followed by analyzing their geroprotective MoAs and IP-generating medicinal chemistry.

Amount allocated

\$ 250,000

IP-NFT



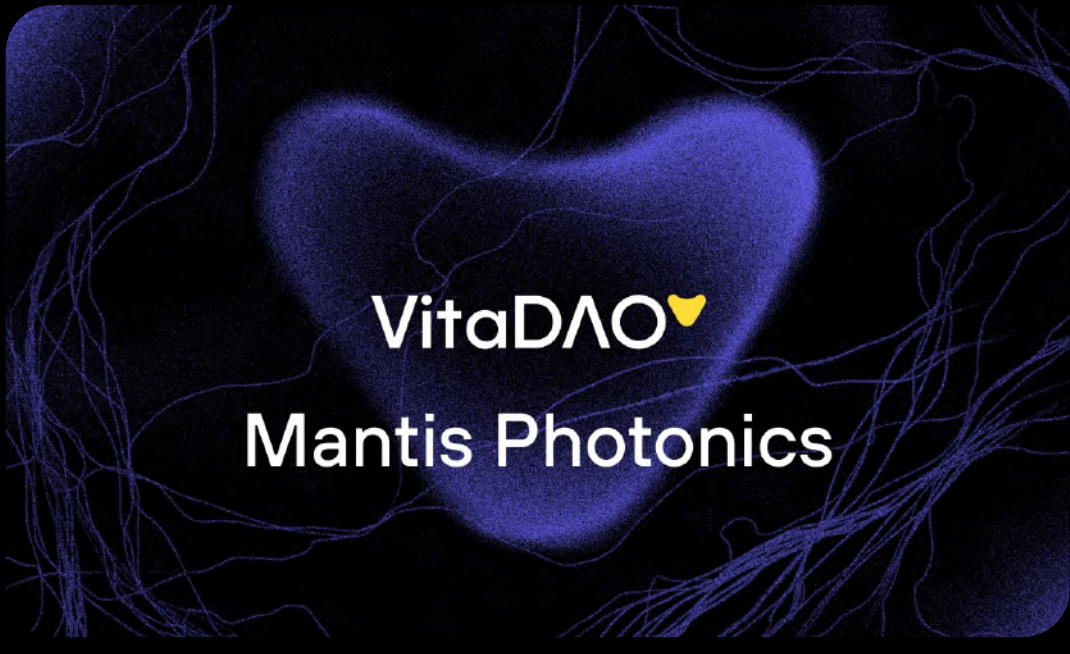
Evandro Fang Lab / U Oslo

Mitophagy enhancing small molecules for neurodegeneration, oncology, and immune aging. University of Oslo R&D collaboration for screening and target ID. This early PoC research was published in Nature Neuroscience 2019, and mitophagy is starting to become popular in big pharma circles.

Amount allocated

\$ 250,000

IP-NFT



Mantis Photonics

Mantis Photonics AB is developing hyperspectral camera technology for point-of-care retinal imaging for the early screening of neurodegenerative conditions, such as Alzheimer's. The technology leverages similarities of the retina to the brain and spinal cord in terms of anatomy, neurophysiology, response to insult, and immunology.

Amount allocated

\$ 35,000

EQUITY

How we curate and govern the best IP using a DAO



VitaDAO is structured into 3 synergistic working groups

DEALFLOW

The Longevity Dealflow WG identifies and assesses longevity projects and assets that would be aligned with the VitaDAO community objectives. Members of the Longevity WG recruit academic researchers while proposing, evaluating, and monitoring prospective projects for funding

AWARENESS

The Awareness WG focuses on elevating the profile of VitaDAO through various mediums to ensure sustainable community growth. Members of the Awareness WG create strategies and content to expose VitaDAO to all interested parties and particularly to web3 and longevity communities.

OPS

The Operations WG supports the planning, execution, and monitoring of the VitaDAO communities ongoing activities. Members of the Operations WG oversee milestone timelines, find efficiencies, and incentivise operationally relevant tasks.



Thank you ♥

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