

VitaDAO Community and Treasury Report

2021

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An Acknowledgement From Our Team

Dear VitaDAO Community,

This is the beginning of a paradigm shift in how the world funds and conducts science. VitaDAO is ushering in a revolution - it is the first true example of a biotech DAO and arguably the first working example of a web3-native organization practicing decentralized science. And perhaps even more importantly, we are only getting started.

Since we began our journey together, the world has started to take note. Every day, new builders and scientists are flocking to the DeSci space. We believe this is largely because of the pioneering work we have accomplished together. We are leading the way to show what is possible when communities of patients, scientists, funders, and builders come together with a shared mission and vision.

"This is the beginning of a paradigm shift in how the world funds and conducts science."

Over the past 8 months, we have seen our community grow to include thousands of members, hundreds of which are academics and scientists. Our working groups receive new members every week. Energy and interest are at an all-time high.

Our Longevity and deal-flow groups are evaluating dozens of projects. The Awareness and SciComm teams are doing exceptional work to educate our community, as well as the broader public. The Legal working group is pioneering frameworks that will pave the way for how fractionalization of IP-NFTs can occur. All of this is happening organically and via the incentive mechanisms carefully crafted by the Tokenomics team and iterated on by all of you. Governance is scaling - voting is now free via Snapshot, enabling broad participation at no cost. Operations have worked wonders to make our DAO increasingly efficient. The Tech team has iterated several versions of our app, and has a lot more planned for this year. Most importantly, we have active participation by many members who care deeply about VitaDAO's vision and mission.

We have quickly established that we can dream bigger than we previously imagined - initiatives like the VitaDAO Fellowship, our quadratic funding round with Gitcoin, and the Longevity Prize, are beginning to take shape. These initiatives are helping to bring new, energetic talent into the longevity space, fund basic science previously out of scope for VitaDAO, and reward those pioneering the way with big, bold ideas. VitaDAO has helped spawn other DAOs with big ideas too. labDAO, a decentralized science DAO for wet and dry lab services, is being initiated by VitaDAO alumni. We are beginning to partner with major institutional players and build a strong reputation in both longevity and web3. We have achieved this all in a few short months due to the tireless work of each and every one of you.

From Molecule's point of view, VitaDAO is a proof-of-concept for the IP-NFT framework and biotech DAOs that will begin to permeate every area of the life sciences. IP-NFTs have demonstrated perhaps the most interesting use case for NFTs - one where buyers help fund, govern, and aid in the commercialization of science. Molecule's success would not be possible without your hard work and the trust all of you have placed in us. We are humbled by this opportunity to build with you, and could not be more excited to be on this journey together.

Our Sincerest Gratitude,
Tyler, Paul and the Molecule Team



Welcome to VitaDAO

Value creation in biopharma centers heavily around intellectual property assets and patents as core drivers for funding and innovation. Yet intellectual property ownership as a business model has barely evolved in the past century. Current biopharma business models carry severe limitations and R&D inefficiencies that cost those who should be the core stakeholders: patients and researchers.

VitaDAO is an open cooperative that anyone can join, with the goal to acquire, support and finance new therapeutics and research data in the longevity space. The VitaDAO community holds legal IP rights to these projects and is actively growing a portfolio of assets that advance the longevity research field and educate the community and the public on healthspan impacting interventions. This portfolio is represented in a combination of equity investments, IP-NFTs and Tokens in ecosystem-aligned projects and DAOs.

"VitaDAO is an open cooperative that anyone can join, with the goal to acquire, support and finance new therapeutics and research data in the longevity space."

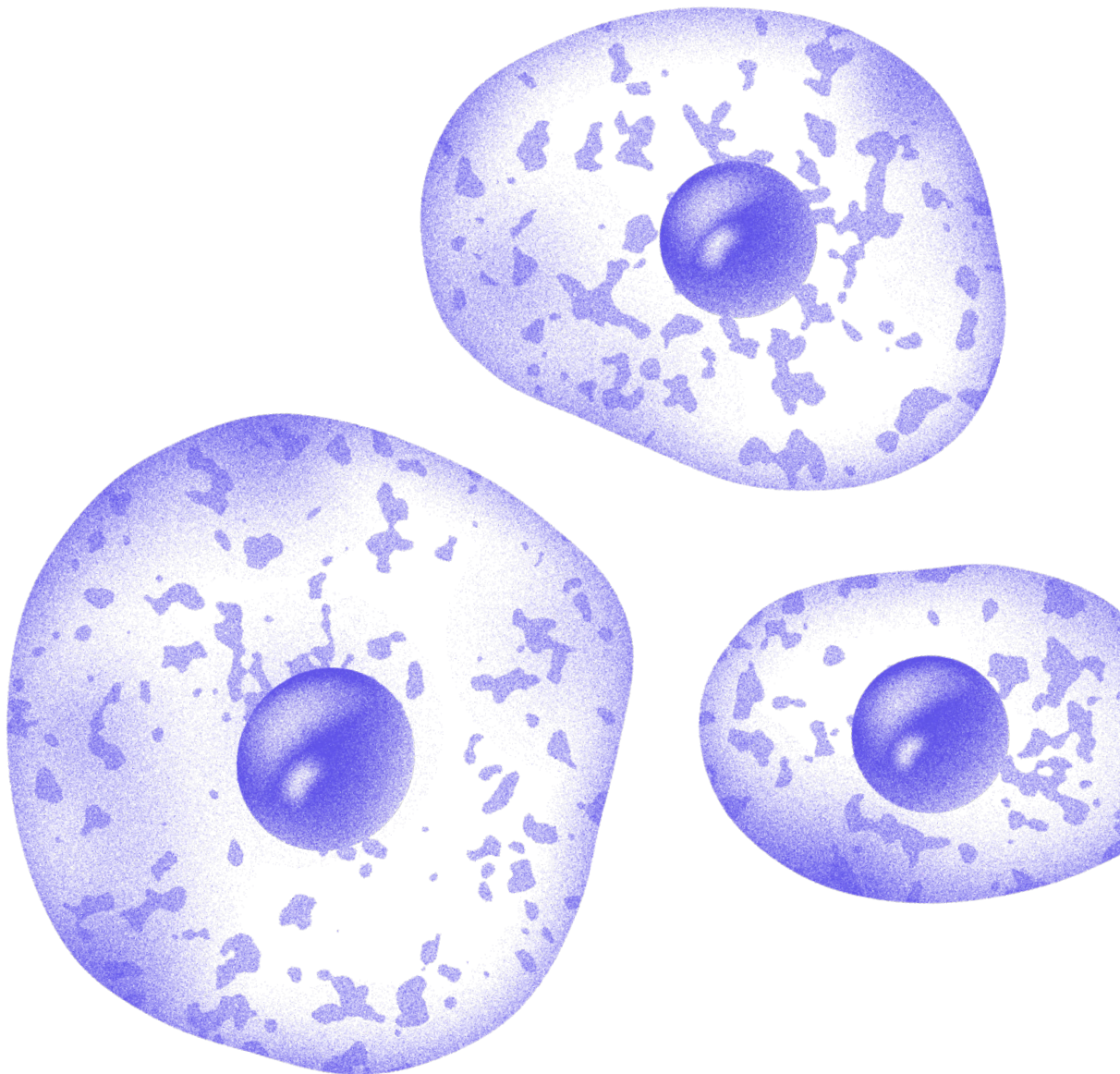
VitaDAO officially launched on June 23, 2021, with a fair and open community auction of governance tokens (VITA) administered through a Gnosis Auction¹, followed by the ratification of the Treasury multi-sig signers. The Governance Framework VDP-1 that made the launch possible had passed on July 19, 2021.

Since its inception and subsequent launch, VitaDAO has relied on collaboration between service providers, members, and working groups to facilitate all functions of the DAO. The service providers are members who provide services to VitaDAO, such as development work, IP sourcing and conversion to NFTs, marketplace services, etc. A member of VitaDAO is any person or entity that establishes membership in VitaDAO through the

¹ Gnosis Auction: <http://www.gnosis-auction.eth/>

purchase and holding of VITA tokens, who is then enabled to participate in decision making and voting of VitaDAO proposals. Our goal is to enable our community, many of whom are active researchers in the healthspan research field, to use their expertise to advance our community's interest in bringing research out of the lab and towards practical application for the benefit of all.

This report represents the progress of the VitaDAO community from inception until December 31, 2021.



DAO Working Groups

VitaDAO, like most DAOs, consists of several working groups representing a global network of working group members, keeping the VitaDAO super-organism alive and in order.

Core

The core of our public-facing activities occurs through our Community and Awareness Working Group, while our portfolio of funded projects is sourced and evaluated through the Longevity Working Group.

AWARENESS

LONGEVITY

Our working groups, in addition to building out the necessary infrastructure to operate VitaDAO, have been successful in a variety of initiatives in the six months leading to the end of 2021.

The following pages discuss some of the accomplishments of the working groups. A number of projects are collaborations between one or more working groups and are laid out across several sections. Tokenomics-related details can be found under Financial Statements.

Support

Additionally, a number of other working groups support the operation of the DAO to ensure operational and logistical efficiency, namely: Governance, Legal, Tokenomics, Technical and Product, and Operations.

GOVERNANCE

OPS

LEGAL

TECH

TOKENOMICS

Community and Awareness Working Group

AWARENESS

Duties

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

Accomplishments

Led by Niklas Rindtorff (1st Season) and Estéfano Pinilla (2nd Season), the Journal Club is one of the Awareness WG's foremost contributions. The **Longevity Journal Club** is a space for Longevity enthusiasts, scientists or not, to come together and discuss the latest advances in the field. The goal of the Journal Club is twofold: present the latest research in longevity in an accessible way to the crypto community, and increase awareness of VitaDAO among the Longevity community.

The one-hour-long Journal Club meetings are audio-only and scheduled on Tuesdays at 19:00 UTC. The meetings are open to audience participation at any point because the goal is for the Journal Club to be an open conversation. A few slides and figures are prepared for each episode and shared, either via a link (first season) or in a Twitter thread (second season), during the show to guide the discussion.

The 10-episode-long first season had weekly episodes on Clubhouse that were dedicated to The Hallmarks of Aging by Carlos López-Otín and colleagues in their seminal 2013 paper. We looked at the hallmarks in the light of new evidence and discussed how well their proposed causal association with aging has withstood the test of time.

The second season is ongoing and has bi-monthly episodes (6 episodes as of Jan 23, 2022). We are utilizing Twitter Spaces during the second season to take advantage of the size of our community there. In each episode, we discuss a paper in the field of Longevity published within the last two years, and as a novelty compared to the first season, we sometimes have guest authors to discuss their work. We choose the research papers based on the alignment of their subject matter to the activities of the DAO.



All the episodes are recorded and will soon be uploaded to Anchor FM so that they can be accessed by the public.

Here are some related facts and figures about Longevity Journal Club:

- We have consistently been having an audience of 15-30 listeners in each episode, with good participation.
- We hosted guest authors from internationally recognized institutions. The list includes Suzanne Angeli (*Buck Institute*), Matt Yousefzadeh (*University of Minnesota*), and José Javier Fuster (*Spanish National Center for Cardiovascular Research*).
- The slides are usually widely downloaded and shared (more than 700 total downloads).

In addition to the Journal Club events, the working group has been hosting **Panel Discussions** led by Max Unfried. Other group members such as Tim Peterson, Ariella Coler-Reilly, and Morten Scheibye-Knudsen acted as co-hosts. Alex Dobrin, meanwhile, provided communications support.

The panel discussions currently happen once a month. The goal of the discussions is to educate the crypto community on topics related to Longevity. Each discussion focuses on one topic, has 2-3 high calibre subject matter experts as

VitaDAO♥



Matt Kaeberlein
Co-Founder - AgelessRx



Sajad Zalzal
Co-Founder - AgelessRx



Mikhail Blagosklonny
Co-Founder - AgelessRx

VitaDAO Discussion Panel **Rapamycin & longevity**

panelists, and spans one hour and fifteen minutes with audience Q&A at the end.

These discussions are live-streamed on YouTube and Twitter Spaces at a European and US-friendly time with 30-100 live participants. This content usually acquires several hundred views on YouTube, making it one of the most viewed productions on the VitaDAO YouTube channel

VitaDAO♥

On Metformin: A healthspan extending drug? with Nir Barzilai

Professor at **Einstein College**

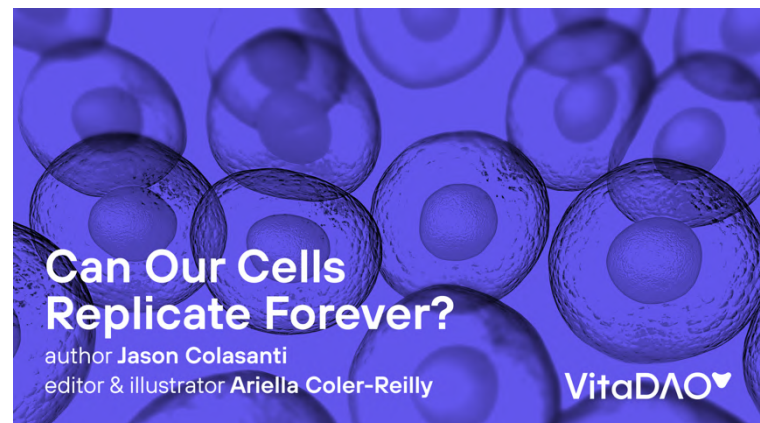


A complete list of panel discussions:

Date	Title	Panelists	Views (as of Jan 19th 2022)
October	Rapamycin	Prof. Matt Kaeberlein Prog. Mikhail Blagosklonny Sajad Zalzal	1168
November	Metformin	Prof. Nir Barzilai Prof. Tim Peterson	545
December	Communicating Longevity	(Co-hosted with Future of Longevity) Prof. Morgan Levine Prof. Matt Kaeberlein João Pedro de Magalhães Karl Pflieger Margaretta Colangelo	Uploaded end of January hence not many views yet

The Awareness WG also produced an impressive portfolio of articles on **Medium**, racking up 248 followers as of Jan 29, 2022. Laurence Ion, Niklas Rindtorff, and Ariella Coler-Reilly led the effort at different times of the year. Meanwhile, Alex Dobrin provided communications support. See Appendix for a complete list of medium articles.

Thanks to the group's hard work, VitaDAO reached #5 product of the day on [Product Hunt](#) on July 6, 2021.



Longevity Working Group

LONGEVITY

Duties

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

Accomplishments

The Longevity Working Group has been busy communicating with over 150 researchers and potential projects. As a result, a generous sum of \$2m went to fund 7 longevity projects. These include the Scheibye-Knudsen Lab, Turn.Bio, Rubedo, Crowd Funded Cures, the Korolchuk Lab, Gitcoin, and the LongHack sponsorship. The details are listed below:

1

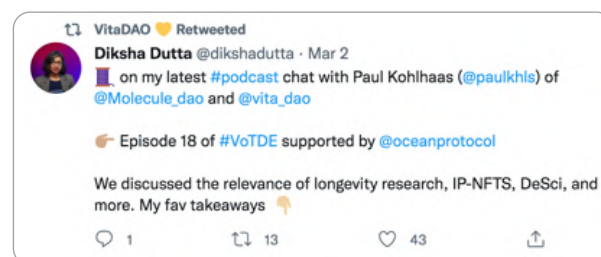
The goal of the Scheibye-Knudsen Lab project is to discover therapeutics that slow down the aging process and prevent age-related diseases, and ultimately, repurpose several FDA-approved therapeutics to extend the human lifespan. This [website](#) has more details.

2

The Turn.Bio team is developing therapeutics to correct aging-related conditions using mRNA-lipid nanoparticle (LNP)-based cellular reprogramming. The Turn.Bio deal assessment can be accessed [here](#).

3

Rubedo developed a portfolio of lead compounds for a pipeline of multiple indications of age-related diseases. A partnership with Cedars-Sinai Medical Center has been established to advance the first program on lung fibrosis and interstitial lung diseases. The company attracted the interest of several major Pharma companies for strategic partnerships. The VDP-15 Rubedo.Life assessment can be found [here](#).



4

The Crowd Funded Cures partnership involved \$40,000 in funding to commission a feasibility study to kickstart potential mechanisms that VitaDAO could support in the future. This resulted in the pay-for-success smart contracts, details of which can be read [here](#).

5

The Korolchuk Lab is the second research organization to fund their longevity research via an IP-NFT. The related proposal was passed on-chain less than 4 weeks after the application was submitted. The lab will use the allocated funding to research cell biology and autophagy.

6

The Gitcoin Longevity round was an extremely successful event for the VitaDAO community and helped to bring more attention to the Longevity space within crypto. We had many high-profile matching donors such as Vitalik Buterin participate in the round. The [Grant Round 12 Finale Event](#) was posted on YouTube. See [this](#) to learn about all Round 12 grants.

7

The Longhack sponsorship involved mentorship and judging, and two cheques worth \$10k and \$5K

The WG also made a \$1.5M loan to Vitality Healthspan Foundation. The funds will be used to identify, advance the development of, and facilitate the introduction of biomedical interventions that address age-related illnesses

and diseases to improve healthspan. The Foundation recently invested in a longevity startup.

To make these partnerships economically and legally viable, VitaDAO established a legal template for royalties and is currently in negotiations with two companies. A referral bonus was also introduced for people who can bring in more collaboration projects.

As we enter 2022, the Longevity working group members are working on upskilling the DAO members on deal flow. The work-in-progress document can be found [here](#). Moreover, the SciComm effort to promote longevity and biomedical research education that this WG imagined is now being pursued by the Awareness WG

Governance Working Group

GOVERNANCE

Duties

The Governance WG oversees and iteratively improves all infrastructure and processes related to governance and decision-making. The members of the Governance WG ensure that transparency, inclusivity, and efficiency are at the core of achieving community consensus.

The Governance working group works in close collaboration with all other working groups, especially Operations and Legal for issues related to governance processes as well as Tokenomics and Tech for issues related to governance infrastructure. The group coordinates through a channel on Discord and schedules a weekly call with representatives from other working groups.

Accomplishments

Leading up to VitaDAO's genesis, the Governance Working Group focused its efforts on providing the future DAO with a solid governance framework. Led and coordinated by Tyler Golato, the group dedicated three months to drafting, discussing and refining VDP-1 (VitaDAO Governance Framework). The proposal was initially refined among a small circle of early community members in a private Google Doc before it was [posted](#) on VitaDAO's governance forum for public discussion. By the time VITA governance tokens were distributed and the "Raphael" governance smart contract was deployed, VDP-1 was ready to be voted on. The proposal was the first to go on the blockchain. While VitaDAO technically became a DAO on July

7, it became operational when VDP-1 was passed on July 19, 2021. VDP-1 introduced clear definitions, rules and processes, such as characterizing the DAO's various kinds of stakeholders, types of proposals, a three-phase voting process, rules on soft governance and the creation of a multi-sig.

The early work of the group also included setting up VitaDAO's governance forum on Discourse in collaboration with Stefano Glauser from the Operations WG, deploying VitaDAO's main multi-sig in collaboration with Audie Sheridan from the Technical Working Group, and preparing and running the Gnosis Auction.



After [VDP-1](#) had [passed](#) on July 19, 2021, the DAO was operational thanks to its comprehensive initial governance framework. The community, however, occasionally noticed areas where the framework fell short, both by putting the framework to the

test in practice at VitaDAO and from learnings provided by the community members involved in other DAOs.

Besides introducing gasless voting, the most requested change was reducing the duration of phase 3 or on-chain voting. With VDP-12, the duration was changed from 14 to seven days, along with several other changes amending VDP-1. Moreover, in collaboration with the Legal and Operations WG, a [Code of Conduct](#) and a framework for proposing and budgeting working group projects were introduced, respectively. Finally, the Governance WG drafted a Governance Invitation Letter, introducing a social contract for recipients of vested token allocations to refrain from engaging in financial activities for the duration of twelve months.

While the “Raphael” governance smart contract provided VitaDAO with a solid and reliable way to govern itself, it came with a significant downside. Since the contract was deployed on the Ethereum mainnet, every vote would involve 30-50 USD in gas fees. Given VitaDAO’s mission to be inclusive by giving a voice to a wide range of stakeholders, this proved to be a critical issue as it disincentivised anyone holding relatively few VITA governance tokens disproportionately from voting and concentrated decision-making among a few major VITA holders. In collaboration with the Technical WG, the Governance WG consequently evaluated moving VitaDAO’s governance to Snapshot, a tool that allows for gasless voting

without transaction fees. The corresponding proposal, VDP-14, passed on Dec 11, 2021, and VitaDAO’s [Snapshot space](#) was subsequently created on Dec 29, 2021.



A significant percentage of the Governance WG’s efforts is spent on providing guidance and help to the working group members, the community members, the token holders and other stakeholders. The group continuously monitors the Discord chats and the Discourse forum for governance-related questions and issues, making sure that the processes are upheld encouraging stakeholders to engage in governance. This includes the proposal creation process, especially the proposals involving funding. The first such proposal, [VDP-5](#), was [passed](#) on July 28, 2021.

Moreover, the Governance WG provided the community and the sub-groups with advice on and tooling for experimenting with new governance solutions. This included a bot for creating polls on Discord, test instances of VitaDAO on Coordinape, Colony for the Science Communications sub-working group, and Gardens for VitaCore.

VitaDAO♥ Governance Proposal VDP-12



VitaDAO's governance framework is only as useful as it is understood and applied, which is why the group produced a variety of content explaining VitaDAO's governance. The full list of works can be found in Appendix. In addition, the group guided the community through conversations in the VitaDAO's biweekly cross-WG calls.

Last but not the least, the Governance WG engaged in outward communication. This served not only the purpose of outreach and marketing but also helped us learn other DAOs' best practices and innovations. [Blockchain for Science & VitaDAO MiniCon 2021](#), which was jointly organized with the Blockchain for Science community, was the first such initiative. A similar project was a [presentation](#) at The DAOist

conference in Paris on July 23, 2021. The WG also presented to [dOrg](#) and is involved with labDAO and other DAOs to facilitate further DAO2DAO relationships. Furthermore, the group initiated a listing on [DeepDAO](#) and provided information to [Metagov's Govbase](#) for more visibility.



Legal Working Group

LEGAL

Duties

The Legal WG oversees and increases the understanding of all legal matters related to the VitaDAO community and operations. The members of the Legal WG constantly monitor trends in the web3 legal space to ensure VitaDAO is compliant while protecting community IP and other assets from a legal perspective.

Accomplishments

Given the uncertain regulatory environment, a DAO cannot hope to succeed without a top-of-the-line legal team. With Jesse Hudson at the helm of the Legal WG, VitaDAO recruited Paul Spiegel, Savva Kerdemelidis, and Chris Byrnes in 2021.

Paul Spiegel, who is a legal advisor and has counselled and consulted for the longevity community since 2006, represented VitaDAO at Humanity+ conference in Madrid. Savva Kerdemelidis, who is a NZ/AU Patent and Trade Mark Attorney and the founder of CrowdFundedCures.org, developed the contributor consent form and advised on the offshore IP holding company. Chris Byrnes, who is a partner at Calyx law and is focused on intellectual property law and ethical IP licensing in

the cannabis and psychedelics space, developed the FRENS standard for fractionalized IP-NFTs.

The legal team advised VitaDAO on the formation of Vitality Healthspan Foundation & interfaced with outside counsel to consummate the transaction, resulting in VitaDAO's first equity deal. The team also collaborated with the general counsel at Kleros to develop an arbitration clause for intra-DAO disputes to be included in agency contracts. To further streamline, the WG developed the working group steward agreement template and advised VitaCORE on legal wrappers for the working groups.

We start the year 2022 with exciting new developments. The FRENS IP-NFT fractionalization is actively being worked on. Once completed, it will unlock ethical IP sublicensing, adding more value and ease of access to the IP-NFT ecosystem. Secondly, an offshore IP holding company for VitaDAO is being proposed to hold the type of IP that cannot be held directly by a DAO. Thirdly, a conflict resolution procedure and anonymous grievance mechanism for internal disputes are being developed. This will help in making the DAO experience more conducive to productive output. Lastly, steps are being taken to ensure that traditional investors (e.g. BigPharma and VCs) can get exposure to the VitaDAO's success.

Technical and Product Working Group

TECH

Duties

The Technical WG manages the development and maintenance needs for the technical functionality of the VitaDAO community. The members of the Technical WG oversee the community GitHub account, website development, smart contracts development, and future community needs.

Accomplishments

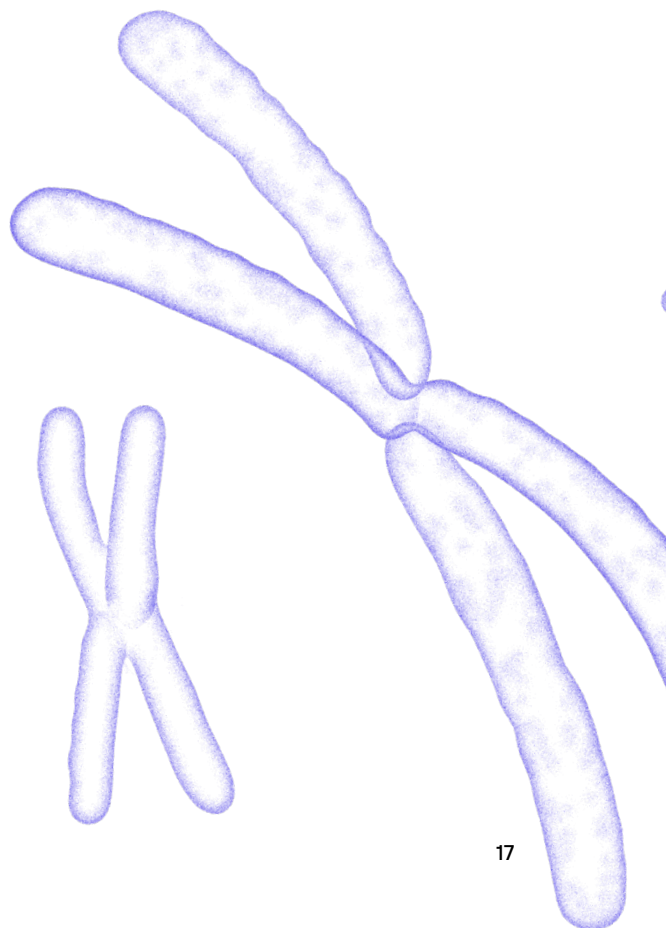
The Technical Working Group, naturally, led the initiation of VitaDAO by firing up the Gnosis Multisig account. This was followed by a thorough education of signers and account management, which continues to this day. The group also set up a smart contracts ecosystem to facilitate development and operations. This included, among other things, decentralized app development, implementation of security features on contracts, and building and refining the accompanying user interface. The Tech team also launched the IP-NFT framework after testing and improving the Molecule/Keyko version.

The community building began with putting together a website. The original website was rewritten and reimaged to achieve the visually appealing design you see today. The dapp issues that have come up in the past have also been resolved.

The VITA token was first offered to the public via a Gnosis Auction, which helped with the price discovery of the token. A Discourse account for Phase-2 voting and other matters was set up at the same time. To implement voting,

vote.vitadao.eth was registered and the voter ENS and add wallet functions were added to dao.vitadao.com. The voting was expensive due to high gas fees and, therefore, was later made gasless via Snapshot. The VITA token can be traded on Uniswap and Cowswap, which is an aggregator. More recently, a liquidity pool on Balancer was also created.

A token distribution system was designed for service providers, contributors, and the core members of the DAO. To streamline pay-outs, sub-wallet Gnosis safes were created for Longevity and Operations. This system works well and executes all pay-outs on behalf of the DAO.



One of the ongoing jobs of the Technical working group contributors is to provide tech, security, and maintenance support which is quite a feat given the 24/7 nature of the crypto industry. The WG maintains Github code repositories and publishes and manages statuses on all on-chain proposals. The latter is linked to a bespoke system the developers created for writing proposals and publishing them on-chain. On Dec 13, 2021, the

Tech team effectively coordinated and executed a damage-control manoeuvre in response to a scam. A bad actor successfully managed to swindle a community member out of a significant amount of VITA tokens via social engineering. The VitaDAO team pulled the liquidity from the pools and forced the bad actor to sell at a low price, containing the damage as a consequence.

Operations Working Group

OPS

Duties

The Operations WG supports the planning, execution, and monitoring of the VitaDAO's ongoing activities. The members of the Operations WG oversee milestone timelines, find efficiencies, and incentivize operationally relevant tasks.

Accomplishments

Upon launch, VitaDAO funded the Scheibye-Knudsen Lab in Denmark as its first IP-NFT project. One of the very first challenges the DAO faced following genesis was to set up a fully functioning Discord server so that people, especially those not well-versed in web3, could be accommodated. The VitaDAO team achieved this by creating a user-friendly onboarding process with documentation on Notion, a scalable and intuitive hierarchical system implemented through Discord tags and roles, and community engagement events. Some examples include VitaDAO MiniCon

2021, game nights, and onboarding AMAs. As a result, we saw a good deal of foot traffic involving people from the longevity community and otherwise throughout the year.

A growing community needs a growing team of working members. In 2021, VitaDAO recruited and deployed a wide array of 50+ skilled individuals for operations, finance and accounting, legal tasks, art, coding, etc., to support the needs of the community. This was only made possible through a synergistic organizational structure, careful project distribution, and standardized compensation rules that are not much different than the ones found in the open market. A Coordinape-based experiment was conducted to explore a different way of compensating members. It was not successful and the project was scrapped. The working group members confirmed the legitimacy of the system in place through a thorough DAO feedback survey. The sub-par areas, however few they may be, are being actively addressed as we communicate.

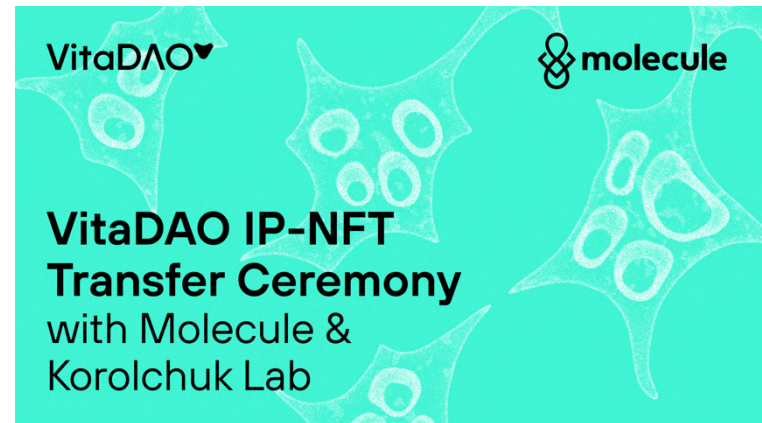
An essential part of the worker and community engagement strategy is participation in external events and conferences. In 2021, the VitaDAO team participated in ETHLisbon, the 8th Aging Research and Drug Discovery Meeting, and the Foresight Vision Weekend. VitaDAO also sponsored the Longhack longevity hackathon to encourage startup thinking and creation. Lastly, we organized VitaDAO MiniCon to discuss, learn, and advance the use of blockchain for science.



A DAO's success can be partly determined by how frictionless the governance process is and how many eligible voters vote. At VitaDAO, we successfully processed 17 phase-two VDPs on Discourse. In addition, we implemented 14 phase-three proposals on-chain. Furthermore, we switched to gasless snapshot voting to make governance frictionless.

Towards the end of the year, VitaDAO issued the second IP-NFT. The KorolchukLab at Newcastle University in the UK will use the allocated funding to research cell biology and autophagy.

On New Year's Eve, the VitaDAO community stood at 3300+ strong with almost 700 daily active members.



Tokenomics Overview

TOKENOMICS

VitaDAO Treasury Summary at December 31, 2021

	Opening Balance at June 23, 2021	Balance at December 31, 2021
	In ETH	In ETH
Gnosis Auction and Launch	2574.3774	
Investments		
Notes and Loans Receivable (incl. Convertible Debt)		398.2223
Liquidity Pools and Treasury Management Contracts		607.4973
IP-NFT Assets		164.6649
Total Investments		1170.3846
Treasury		
ETH Asset		377.5488
Wrapped Ether (WETH)		885.7864
USD Circle (USDC)		41.1712
ENS Token		2.9275
Total Treasury		1307.4339
Net Cost Impact of Working Groups		96.5590
Net Working Group Expenses		
Cost Of Treasury Management		0.8577
Cost of Operations		3.0447
Cost of Governance		2.1442
Cost of Awareness and Community		10.0148
Cost of Longevity WG		59.8125
Cost of Technical and Product Working Group		16.9856
Cost of Legal Working Group and Services		0.8990
Gas and Transaction Expenses		2.8005

VitaDAO Governance Summary at December 31, 2021

	Opening Balance at June 23, 2021	Balance at December 31, 2021
	In VITA	In VITA
Tokens Minted and Held in Treasury at Launch	19,307,808.00	
Governance Related Allocations		
Arms-Length Service Providers (VDP-3)		724,971.00
Launch Team (VDP-3)		1,938,385.75
Project (VDP4)		167,177.10
Total Governance Allocations		2,830,533.85
Working Group Related Allocations		
Allocations Through Treasury Management		145,716.57
Allocations Through Operations		701,063.74
Allocations Through Governance		460,387.54
Allocations Through Awareness and Community		664,785.97
Allocations Through Longevity WG		472,816.86
Allocations Through Technical and Product Working Group		542,758.73
Allocations Through Legal Working Group and Services		159,822.97
Total Allocations Through Working Groups		3,147,352.39
Tokens Held in Liquidity Pools and Contracts (Dec. 31)		1,664,549.34
Tokens Issued in Auction		6,435,936.00
Balance in Treasury		5,229,436.42

References

- 1 <https://gnosis-auction.eth.link/>
- 2 <https://www.vitadao.com/>
- 3 [https://github.com/VitaDAO/whitepaper/raw/master/VitaDAO Whitepaper.pdf](https://github.com/VitaDAO/whitepaper/raw/master/VitaDAO%20Whitepaper.pdf)
- 4 https://twitter.com/vita_dao
- 5 <https://www.youtube.com/channel/UCiZKdSeJ9VPFR5BtKnbn4fQ>
- 6 <https://www.molecule.to/>
- 7 <https://twitter.com/vikorolchuk>
- 8 <https://www.ncl.ac.uk/medical-sciences/people/profile/viktorkorolchuk.html>
- 9 <https://scheibye-knudsen.com/>

Appendix

VitaDAO Medium Publications

Title	Author	Editor	Date	Views	Reads	Claps	Fans
Announcing VitaDAO	N/A	N/A	3/31/2021	359	197	131	6
Announcing the First VitaDAO Research Project	N/A	N/A	5/5/2021	467	214	76	5
Interview with Aubrey de Grey: Scientific Advisor at VitaDAO	N/A	N/A	5/7/2021	379	202	187	5
Meet Dr. Morten Scheibye-Knudsen	N/A	N/A	5/20/2021	223	66	100	2
Introduction & Interview with VitaDAO Advisor Professor David M. Wilson III	N/A	N/A	5/23/2021	232	88	107	4
How VitaDAO Works	Theo Beutel	N/A	6/3/2021	1019	411	193	9
VitaDAO Launch: How to prepare in advance	Theo Beutel	N/A	6/3/2021	1914	961	164	13
Funding: The Single Biggest Factor Limiting Longevity	N/A	N/A	6/11/2021	269	115	110	7
VitaDAO Launch Guide	Theo Beutel	N/A	6/18/2021	684	184	160	7
Participating in the VitaDAO Genesis	N/A	N/A	6/18/2021	1779	586	124	8
How to acquire VITA on Uniswap	Theo Beutel	N/A	6/23/2021	932	204	65	7
VitaDAO Post-Auction Guide	Theo Beutel	N/A	6/23/2021	578	263	156	10
The First Longevity Drugs might be already among us*	Estefano Pinilla	Niklas Rindtorff	8/27/2021	2283	478	757	43
On the Origins of Cellular Senescence	Jason Colasanti	Ariella Coler-Reilly	9/22/2021	654	154	715	22
A New Financial Model for Repurposing Off-Patent Longevity Medicines	Savva Kerdemelidis	Ariella Coler-Reilly	12/15/2021	621	195	612	14

Public Health @ VitaDAO: Using Democratized Wealth To Democratize Health	Tim Peterson	Niklas Rindtorff	12/21/2021	306	137	473	11
VitaDAO Newsletter Issue No 1 Dec 2021	Sarah Friday, Hossam Zaki	Niklas Rindtorff	12/30/2021	539	180	231	10

*The spike in traffic has been traced to a Reddit post generating 484 referrals to this article.

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Other VitaDAO Publications

- 1 [How does Governance work at VitaDAO](#)
- 2 [How to DAO](#)
- 3 [How VitaDAO works](#)
- 4 [How to prepare for the Gnosis Auction](#)
- 5 [How to take part in it](#)
- 6 [What to do afterwards](#)
- 7 [How to acquire the governance token at a later time on a DEX](#)
- 8 [How to unstake VITA from the old governance contract](#)
- 9 [How to vote on Snapshot](#)
- 10 [How to use the bot for phase 1 polls directly in Discord](#)