MiruDAO

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MiruDAO is a new community-governed, funding hub for neurotech IP. We're here to accelerate exploration of how the brain works.

Challenges

Currently, the neurotech industry faces a significant challenge in funding early stage researchers. Besides governmental grants, there is a lack of financing, resulting in commercially funded research projects that lack data transparency.

Solution

Democratizing research findings/data, aligning IP incentives and accelerating early-stage funding in neurotech, can be done with governance frameworks on the Ethereum blockchain. MiruDAO will use frameworks such as decentralized autonomous organizations (DAOs), non-fungible tokens (NFTs), and financial engineering tools such as algorithmic automated market makers (AMMs).

As a decentralized global organization that anyone can join and collaborate with through MIRU tokens, MiruDAO's goal is to support and finance new findings and research data in neurotech. In exchange, MiruDAO will directly hold IP and data rights in the early-stage innovations it supports and funds. We will grow a portfolio of IP and data assets, which we can make available and monetize either through data marketplaces or by conventional licensing and commercialisation processes in neurotech.

Individuals or organizations can obtain MIRU tokens by contributing work, funds, or other resources like data and IP. Ownership of MIRU allows the holder to participate in the curation and governance of MiruDAOs assets and its research.

Even when a governmental grant is given, the core stakeholders (patients and taxpayers) aren't able to own any intellectual property (IP) despite them indirectly paying for the research with their taxes.

Furthermore, the data and findings from many research efforts aren't open source which artificially slows down innovation. If more research projects were open-source, it would be effortless for everyone to build on eachother's innovation. For example, key biomarkers for depression, drowsiness, or attentiveness are in demand but there aren't any open-source datasets for this purpose, hindering new discoveries.