

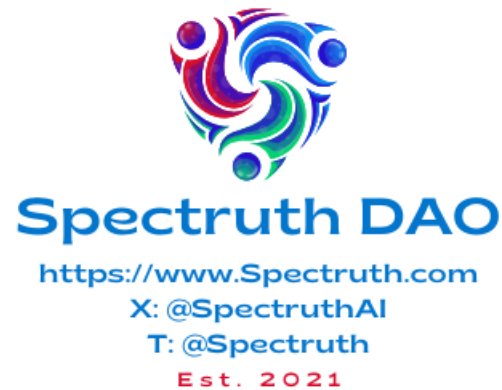
Spectruth DAO and Hippo Protocol Forge Strategic Partnership to Pioneer Epigenetic Research in PTSD

Spectruth DAO's study uses saliva-based epigenetic testing, AI, and wearables to predict PTSD risk in military/veterans, enabling personalized care.

KYIV, KYIV, UKRAINE, May 29, 2025 /EINPresswire.com/ -- [Spectruth](https://www.Spectruth.com/) DAO, a leader in decentralized, precision mental health innovation, is proud to announce a groundbreaking partnership with Hippo Protocol to leverage its privacy-preserving Layer 1 healthcare blockchain the world's premier decentralized health data and research platform. Together, the organizations will launch a prospective, longitudinal [epigenetic research project](#) focused on early detection and personalized intervention for post-traumatic stress disorder (PTSD) in military veterans and active-duty personnel.

Addressing a Global Mental Health Crisis with Decentralized Science

PTSD remains a pervasive and costly challenge, affecting millions of veterans, first responders, and civilians worldwide, and costing economies over \$232 billion annually. Despite its prevalence, current diagnostic and treatment paradigms are reactive,



Spectruth Logo



Holz Center opening soon

imprecise, and often inaccessible to those who need them most. Spectruth DAO was founded to change this narrative by leveraging cutting-edge technologies—AI, blockchain, and epigenetics—to pioneer a new era of proactive, personalized mental health care.



Hippo Protocol is a privacy-preserving, regulatory-compliant Layer 1

blockchain purpose-built for healthcare data, combining decentralized identity (DID), end-to-end encryption, and decentralized storage to ensure data security and interoperability across systems. By enabling individuals to retain sovereignty over their health data and share it under their own terms, Hippo Protocol empowers patients, researchers, and institutions to collaborate securely and transparently—accelerating ethical, data-driven medical innovation. Hippo Protocol, a flagship project in the Decentralized Science (DeSci) movement, has built a robust, secure, and privacy-preserving infrastructure for health data collection, analysis, and sharing. By enabling individuals to control and monetize their health data, Hippo Protocol empowers patients, researchers, and clinicians to collaborate on high-impact research and accelerate medical breakthroughs.

The Epigenetic Research Project: A New Paradigm in PTSD Prevention:

This partnership will power a prospective, longitudinal study designed to identify epigenetic biomarkers—specifically, DNA methylation patterns detectable in saliva—that predict PTSD risk before symptoms emerge¹. The study will enroll two cohorts of 100 participants each: active-duty military personnel prior to deployment and veterans transitioning out of service. Over a 12-month period, participants will provide saliva samples for epigenetic analysis at baseline, six months, and one year, alongside standardized PTSD assessments and clinical interviews.

Spectruth DAO will integrate multi-modal data streams—including wearable device monitoring (vitals, EEG), behavioral surveys, and clinical outcomes—into a secure, blockchain-based research environment. Hippo Protocol's blockchain will ensure data sovereignty, privacy, and transparent governance, while enabling global collaboration among researchers and stakeholders.

Key Aims:

- *Identify predictive epigenetic biomarkers of PTSD risk and resilience.
- *Develop and refine a non-invasive, saliva-based PTSD risk test for early intervention.
- *Correlate real-time physiological and behavioral data with epigenetic changes and clinical outcomes.
- *Demonstrate the power of decentralized, community-driven research to solve urgent public health challenges.

About Spectruth DAO

Spectruth DAO is a decentralized autonomous organization dedicated to transforming mental health care through precision diagnostics, AI-powered analytics, and community-driven innovation. Founded by James Holz, Esq., and inspired by a legacy of military service and compassion, Spectruth is building the world's first platform for early detection and personalized treatment of PTSD and related disorders. By leveraging blockchain for transparent governance and data security, Spectruth empowers patients, clinicians, and researchers to co-create the future of mental health care—where every voice matters and every breakthrough is shared.

About Hippo Protocol

Hippo Protocol is a Layer 1 blockchain designed for secure, private, and interoperable healthcare data management. With over 4 million users and partnerships with major hospitals and EMR providers in Asia, it is one of the most widely adopted decentralized healthcare networks. Hippo enables individuals to control and monetize their health data while maintaining compliance with HIPAA, GDPR, and FHIR standards. For providers, it offers seamless, gas-abstracted integration to securely store and process data. Hippo Protocol is building the foundation for decentralized, patient-centered healthcare.

Real-World Impact: A Milestone for the DeSci Community

This partnership marks a watershed moment for the Decentralized Science (DeSci) movement, demonstrating how blockchain and community governance can deliver tangible, real-world health solutions. By combining Spectruth's expertise in mental health, epigenetics, and AI with Hippo Protocol's secure, decentralized data infrastructure, the project will:

- *Empower Participants: Veterans and military personnel will have ownership and control over their health data, with the option to participate in research and benefit from discoveries.
- *Accelerate Innovation: Open, community-driven research will enable rapid iteration, validation, and deployment of new diagnostic tools and personalized therapies.
- *Enhance Trust and Transparency: Blockchain-based governance ensures that research decisions, data use, and intellectual property are managed openly and democratically.
- *Scale Globally: The platform's borderless, interoperable architecture enables participation from researchers, clinicians, and patients worldwide, breaking down barriers to access and collaboration.

A Vision for the Future

Spectruth DAO and Hippo Protocol share a vision of a world where PTSD and other mental health conditions are detected early, treated precisely, and managed collaboratively. By harnessing the power of decentralized science, AI, and epigenetics, this partnership aims to reduce the burden of PTSD, improve quality of life for millions, and set a new standard for ethical, community-owned health research.

As the project progresses, Spectruth and Hippo Protocol invite the global DeSci community, mental health advocates, veterans' organizations, and forward-thinking researchers to join this transformative journey. Together, we can build a future where mental health care is accessible, personalized, and powered by the people it serves.

For media inquiries, partnership opportunities, or to join the research community, please visit:

www.spectruth.com

www.hippoprotocol.ai

Or join the Spectruth community on Discord: <https://discord.gg/UHvFeTrxQT>

About the Decentralized Healing Blueprint:

This collaboration embodies the principles outlined in Spectruth's Decentralized Healing Blueprint—democratizing access to research, empowering participants, and accelerating the translation of scientific discovery into real-world impact. By making epigenetic research transparent, participatory, and actionable, Spectruth DAO and Hippo Protocol are setting a precedent for the next generation of DeSci-powered health innovation.

Together, we are not just imagining a better world—we are building it, one data point, one partnership, and one life at a time.

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