

Docket #: S22-327

Ibogaine for Treatment of Brain Disorders

Stanford researchers at Dr. Williams' Brain Stimulation Lab have developed a method to treat brain disorders such as traumatic brain injury using a naturally occurring psychoactive molecule found in plants called Ibogaine. Ibogaine is found in the family Apocynaceae, most familiarly in *Tabernanthe iboga*.

This new method employs the potential positive effect of ibogaine or ibogaine with hERG stabilizing agents, on mood and brain function to treat traumatic brain injury and operator syndrome as well as other brain disorders such as PTSD, Addiction, Depression, or Alzheimer's.

Additional disclosures from the Brain Stimulation Lab, Stanford dockets S22-450 and S23-045, describe methods for mitigating health risks of Ibogaine by using hERG stabilizing agents.

Stage of Development

Open label trial completed

Applications

- **Treatment of brain disorders** including but not limited to: Traumatic brain injury/Operator Syndrome, PTSD, Addiction, Depression, and Alzheimer's

Advantages

- **Novel use of Ibogaine** for brain treatment
- **Safer application** due to use of hERG stabilizing agents

Patents

- Published Application: [20240100062](#)
- Published Application: [WO2024059713](#)
- Published Application: [20240100061](#)
- Published Application: [WO2024059717](#)

Innovators

- Nolan Williams
- Ian Kratter

Licensing Contact

Imelda Oropeza

Senior Licensing Manager, Physical Sciences

[Email](#)