

Press Release

# Filament Health Announces FDA Authorization of Clinical Trial with First-ever Direct Psilocin Administration and First-ever Psychedelic Botanical Drug Candidates

**The Phase 1 Trial is Taking Place at the Translational Psychedelic Research Program at the University of California San Francisco**

**Vancouver, British Columbia, November 2, 2021** – Filament Health Corp. (<https://filament.health/>) (OTCQB:FLHLF (<https://www.otcmart.com/stock/FLHLF/overview>)) (NEO:FH (<https://www.neo.inc/en/live/security-activity/FH>)) (FSE:7QS (<https://www.boerse-frankfurt.de/equity/filament-health-corp>)) (“Filament” or the “Company”), an exclusively-natural psychedelic drug discovery company, announces FDA authorization to initiate the first clinical trial using naturally-sourced psychedelic substances. In addition, this approval is the first for the direct administration of psilocin rather than its prodrug psilocybin and will administer Filament’s three proprietary botanical drug candidates. The phase 1 trial is led by the Translational Psychedelic Research Program (TrPR) at the University of California San Francisco (UCSF).

“We are excited to announce this milestone as validation of our ability to cultivate variable psychedelic biomass and transform it into pharmaceutical-grade drug candidates,” said Chief Executive Officer, Benjamin Lightburn. “Our innovative technology has allowed us to create IP-protected botanical drug candidates of oral psilocin, sublingual psilocin, and oral psilocybin, and to enter them into an FDA-approved natural psychedelic clinical trial. Our candidates enjoy significant IP protection, unlike most other psychedelics currently under clinical investigation.”

The phase 1 trial has been designed to include 20 healthy subjects and will examine the effects of Filament’s three proprietary botanical drug candidates: PEX010 (oral psilocybin), PEX020 (oral psilocin), and PEX030 (sublingual psilocin). As a result of the need for psilocybin to convert into psilocin before becoming active in the human body, the direct administration of psilocin may yield several therapeutic benefits such as faster onset time, greater consistency, increased bioavailability, and lessened side effects. These potential attributes are being studied in the authorized trial. In addition, psilocin is an ideal candidate for sublingual delivery because of the bypassing of the gut, where the conversion to psilocybin is thought to primarily occur. To date, synthetic manufacturers have been unable to produce a stable formulation of psilocin and enter it into a clinical trial.

“My team and I are very excited to begin dosing Filament’s drug candidates in our clinic,” said Dr. Josh Woolley, MD/Ph.D., Director of TrPR and the study’s Principal Investigator. “The oral and sublingual administration presents an opportunity to learn about psilocin’s effects compared to psilocybin and perhaps set a new standard for psychedelic assisted therapy.”

Further information about the history and benefits of psilocin can be found at <https://filament.health/psilocybin-vs-psilocin>.

## **ABOUT FILAMENT HEALTH**

Filament Health is an exclusively-natural psychedelic drug discovery and extraction technology company. Its mission is to see safe, approved, natural psychedelics in the hands of everyone who needs them as soon as possible. Filament believes measurable and efficacious medicines will be a catalyst to addressing many of the world’s mental health problems and that natural psychedelics provide an optimal option for widespread adoption of these substances. Filament engages in natural extraction technology commercialization, utilizing its intellectual property portfolio, and its subsidiary Psilo Scientific’s in-house GMP facility, and Health Canada Dealer’s License for all natural psychedelics. Filament is headquartered in Vancouver, British Columbia and trades on the OTCQB Venture Market (OTCQB:FLHLF), Canada’s NEO Exchange (NEO:FH), and the Frankfurt Stock Exchange (FSE:7QS).

Learn more at [www.filament.health](http://www.filament.health) (<http://www.filament.health>) and on Twitter (<https://twitter.com/FilamentHealth>), Instagram (<https://www.instagram.com/filament.health/>) and LinkedIn (<https://www.linkedin.com/company/filament-health/>).

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