

September 9, 2021



Algernon Pharmaceuticals CEO To Deliver Virtual Keynote Presentation on Company's DMT Program at the International Microdose DMT Conference

VANCOUVER, British Columbia, Sept. 09, 2021 (GLOBE NEWSWIRE) -- Algernon Pharmaceuticals Inc. (CSE: AGN) (FRANKFURT: AGW) (OTCQB: AGNPF) (the "Company" or "Algernon") a clinical stage pharmaceutical development company, is pleased to announce that its CEO Christopher J. Moreau will be delivering the Keynote Presentation at the Microdose Virtual 2021 "The DMT Conference: A Molecular Masterclass".

The conference will be taking place on September 9th and 10th and will bring together the world's leading relevant experts in biotech, psychedelic research, as well as science and medicine. The conference will explore the potential of DMT related to drug development, safety, clinical care and applications, applicable law, regulation, business, markets, science, research, as well as history and culture.

Tickets are available for this important virtual event at [Microdose Virtual 2021 DMT Conference Tickets](#)

Moreau will be delivering his Keynote Presentation at 2:00PM EST on Thursday September 9th, which will be entitled "DMT – New Hope for Healing the Brain After a Stroke". He will be providing a review of Algernon's establishment of a unique clinical research program for the treatment of stroke focused on DMT, a known psychedelic compound that is part of the tryptamine family (other drugs in the tryptamine family include psilocybin and psilocin).

Algernon plans to be the first company globally to test DMT for stroke in humans and Moreau will be highlighting Algernon's recent announcement that its own preclinical study has confirmed that DMT increased the growth of cortical neurons by 40% with statistical significance in one arm of the study, when compared to control. The Company also reported that the increased growth was achieved with a sub hallucinogenic dose.

The below images show the dramatic differences in neurite outgrowth comparing an untreated single cell on the left, with a single cell that was exposed to 30 nM DMT. The treated cell shows significant growth activity in the number of processes per cell.

About DMT

Algernon has established a clinical research program for the treatment of stroke focused on DMT, a known psychedelic compound that is part of the tryptamine family (other drugs in the tryptamine family include psilocybin and psilocin). Algernon plans to be the first company globally to test DMT for stroke in humans.

Algernon has also filed new provisional patents for new forms of DMT, in addition to formulation, dosage and method of use claims for ischemic stroke. The Company has also filed claims for combination therapy of DMT and Constraint Induced Movement Therapy ("CIMT").

About Algernon Pharmaceuticals Inc.

Algernon is a drug re-purposing company that investigates safe, already approved drugs, and naturally occurring compounds, for new disease applications, moving them efficiently and safely into new human trials, developing new formulations and seeking new regulatory approvals in global markets. Algernon specifically investigates compounds that have never been approved in the U.S. or Europe to avoid off label prescription writing.

CONTACT INFORMATION

Christopher J. Moreau
CEO
Algernon Pharmaceuticals Inc.
604.398.4175 ext 701

info@algernonpharmaceuticals.com
investors@algernonpharmaceuticals.com
www.algernonpharmaceuticals.com.

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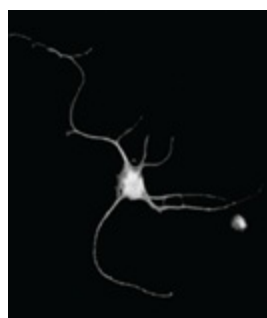
Company will update or revise publicly any of the included forward-looking statements as expressly required by applicable law.

A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/9d6cd350-7a40-44ab-8ed6-a9da39d7f31e>

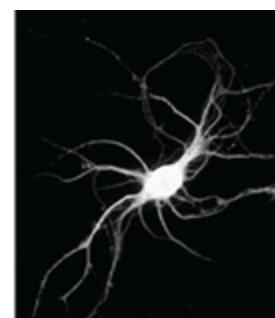


Source: Algernon Pharmaceuticals

Neurite Outgrowth Images



Vehicle Untreated Single Cell



30nM DMT 1 Treated Single Cell

DMT Study Image 1 / DMT Study image 2