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Algernon Pharmaceuticals Announces Notice of Allowance for Ifenprodil Patent Application for Idiopathic Pulmonary Fibrosis

VANCOUVER, British Columbia, Jan. 28, 2022 (GLOBE NEWSWIRE) -- Algernon Pharmaceuticals Inc. (the "Company" or "Algernon") (CSE: AGN) (FRANKFURT: AGW) (OTCQB: AGNPD) a clinical stage pharmaceutical development company is pleased to announce that it has received a Notice of Allowance from the Canadian Patent Office for patent application No. 3101853 entitled: Compositions and Methods for Treating Idiopathic Pulmonary Fibrosis. The Company has also filed corresponding patent applications in the U.S., Europe, China, and Japan.

The invention claims treating interstitial lung disease, including idiopathic pulmonary fibrosis, with Ifenprodil.

Algernon's intellectual property strategy for its repurposed drug program includes protecting its compounds by filing patent applications including those for novel salt forms, method of use, dosing, and formulation.

"This is the first allowance notice received by the Company for one of its drugs being investigated under its innovative drug repurposing program and it is another important step forward," said Christopher J. Moreau CEO of Algernon.

About Ifenprodil

Ifenprodil is an N-methyl-D-aspartate (NMDA) receptor antagonist specifically targeting the NMDA-type subunit 2B (GluN2B). Ifenprodil prevents glutamate signalling. The NMDA receptor is found on many tissues including lung cells, T-cells, and neutrophils and certain types of cancer cells.

The Company is currently conducting a proof-of-concept open label 20 patient Phase 2 human trial to determine the efficacy of Ifenprodil in the preservation of lung function in IPF patients (including biomarkers of fibrosis) and its associated cough.

Ifenprodil has been shown to mediate anti-inflammatory responses and reduce pulmonary fibrosis in a mouse model of IPF. In addition, Ifenprodil significantly both reduced cough frequency and delayed onset in a guinea pig acute cough model.

About Algernon Pharmaceuticals

Algernon is a drug re-purposing company that investigates safe, already approved drugs, including 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.

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Source: Algernon Pharmaceuticals