



## **ALGERNON ANNOUNCES ENROLLMENT OF FIRST U.S. PATIENT IN MULTINATIONAL PHASE 2B/3 HUMAN STUDY OF IFENPRODIL FOR TREATMENT OF COVID-19**

VANCOUVER, British Columbia, Aug. 13, 2020 (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 it has enrolled its first patient from the U.S. for its multinational Phase 2b/3 human study of NP-120 (Ifenprodil) for the treatment of COVID-19.

The Company is also pleased to announce that it has now enrolled 26 patients since the study began on August 5, 2020. The Phase 2b/3 study enrollment target is 150 patients, aggregated from all participating sites.

“We are very pleased to announce our first U.S. patient,” said Christopher J. Moreau CEO of Algernon Pharmaceuticals. “We have also had steady enrollment from one of our International sites and as a result, we expect to reach 25% of our total target shortly.”

### **Phase 2b/3 Study Protocol Summary**

The Company’s multinational Phase 2b/3 human trial for COVID-19 is entitled, “A Randomized Open Label Phase 2b/3 Study of the Safety and Efficacy of NP-120 (Ifenprodil) for the Treatment of Hospitalized Patients with Confirmed COVID-19 Disease.”

The trial will begin as a Phase 2b study of an aggregate of 150 patients. With positive preliminary data, the clinical trial will move directly into a Phase 3 trial. The data from the Phase 2b study will determine the number of patients needed to reach statistical significance in the Phase 3 trial.

Patients will be randomized in a one-to-one manner and will either be treated using an existing standard of care, or standard of care plus Ifenprodil 60 mg (taken as one 20 mg tablet three-times daily) for one arm or standard of care plus Ifenprodil 120 mg (taken as two 20 mg tablets three-times daily) for two weeks.

Over the testing period, doctors will observe whether there is an improvement in a number of secondary endpoints, including mortality, blood oxygen levels, time spent in intensive care and time to mechanical ventilation.

### **Phase 2b Study Completion and Data Readout**

The Company will provide an update to the market shortly on a projected completion date as well as when the read out of the data can be expected.

## **About NP-120 (Ifenprodil)**

NP-120 (Ifenprodil) is an N-methyl-D-aspartate (NMDA) receptor antagonist specifically targeting the NMDA-type subunit 2B (Glu2NB). Ifenprodil prevents glutamate signalling. The NMDA receptor is found on many tissues including lung cells, T-cells, and neutrophils.

The Company believes Ifenprodil can reduce the infiltration of neutrophils and T-cells into the lungs where they can release glutamate and cytokines respectively. The latter can result in the highly problematic cytokine storm that contributes to the loss of lung function and ultimately death as has been reported in COVID-19 infected patients.

## **About Algernon Pharmaceuticals Inc.**

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

Algernon has filed new intellectual property rights globally for NP-120 (Ifenprodil) for the treatment of respiratory diseases and is working to develop a proprietary injectable and slow release formulation.

## **CONTACT INFORMATION**

Christopher J. Moreau  
CEO  
Algernon Pharmaceuticals Inc.  
604.398.4175 ext 701  
[info@algernonpharmaceuticals.com](mailto:info@algernonpharmaceuticals.com)  
[investors@algernonpharmaceuticals.com](mailto:investors@algernonpharmaceuticals.com)  
[www.algernonpharmaceuticals.com](http://www.algernonpharmaceuticals.com).

***The CSE does not accept responsibility for the adequacy or accuracy of this release.***

***Neither the Canadian Securities Exchange nor its Market Regulator (as that term is defined in the policies of the Canadian Securities Exchange) accepts responsibility for the adequacy or accuracy of this release. The Canadian Securities Exchange has not in any way passed upon the merits of the proposed transaction and has neither approved nor disapproved the contents of this press release.***

***CAUTIONARY DISCLAIMER STATEMENT: No Securities Exchange has reviewed nor accepts responsibility for the adequacy or accuracy of the content of this news release. This news release contains forward-looking statements relating to product development, licensing,***

*commercialization and regulatory compliance issues and other statements that are not historical facts. Forward-looking statements are often identified by terms such as “will”, “may”, “should”, “anticipate”, “expects” and similar expressions. All statements other than statements of historical fact, included in this release are forward-looking statements that involve risks and uncertainties. There can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from the Company’s expectations include the failure to satisfy the conditions of the relevant securities exchange(s) and other risks detailed from time to time in the filings made by the Company with securities regulations. The reader is cautioned that assumptions used in the preparation of any forward-looking information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, as a result of numerous known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the Company. The reader is cautioned not to place undue reliance on any forward-looking information. Such information, although considered reasonable by management at the time of preparation, may prove to be incorrect and actual results may differ materially from those anticipated. Forward-looking statements contained in this news release are expressly qualified by this cautionary statement. The forward-looking statements contained in this news release are made as of the date of this news release and the Company will update or revise publicly any of the included forward-looking statements as expressly required by applicable law.*