UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 31, 2020

BIOCRYST PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware	**000-23186**	**62-1413174**
(State or Other Jurisdiction of Incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)

4505 Emperor Blvd., Suite 200
Durham, North Carolina 27703
(Address of Principal Executive Offices) (Zip Code)

(919) 859-1302
(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock	BCRX	Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01. Regulation FD Disclosure.

On August 31, 2020, BioCryst Pharmaceuticals, Inc. (the "Company") issued a news release announcing that the U.S. Food and Drug Administration has granted Orphan Drug designation for the Company's oral Factor D inhibitor, BCX9930, for the treatment of paroxysmal nocturnal hemoglobinuria. A copy of the news release is furnished as Exhibit 99.1 hereto and is incorporated herein by reference.

The information in this Item 7.01, including Exhibit 99.1, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference into any filing made by the Company under the Securities Act of 1933, as amended, except as expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	**Description**
99.1	Press release dated August 31, 2020 entitled "FDA Grants Orphan Drug Designation for BCX9930 in PNH"
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

BioCryst Pharmaceuticals, Inc.

Date: August 31, 2020

By: /s/ Alane Barnes
Alane Barnes
Senior Vice President and Chief Legal Officer

EXHIBIT 99.1

FDA Grants Orphan Drug Designation for BCX9930 in PNH

RESEARCH TRIANGLE PARK, N.C., Aug. 31, 2020 (GLOBE NEWSWIRE) -- BioCryst Pharmaceuticals, Inc. (Nasdaq:BCRX) today announced that the U.S. Food and Drug Administration (FDA) has granted Orphan Drug designation for its oral Factor D inhibitor, BCX9930, for the treatment of paroxysmal nocturnal hemoglobinuria (PNH).

According to the FDA, the Orphan Drug Designation Program provides orphan status to drugs and biologics which are defined as those intended for the safe and effective treatment, diagnosis or prevention of rare diseases/disorders that affect fewer than 200,000 people in the U.S.

Orphan Drug designation qualifies BCX9930 for various development incentives, including tax credits for certain clinical costs, a waiver of the new drug application fee and a designated period of market exclusivity following approval.

In addition to the Orphan Drug designation, the FDA also has granted Fast Track designation for BCX9930 in PNH.

“As an oral Factor D inhibitor monotherapy for PNH patients, BCX9930 would address a significant unmet medical need and we look forward to our discussions later this year with the FDA to inform how we advance this important medicine to patients with PNH and other complement-mediated diseases as quickly as possible,” said Dr. William Sheridan, chief medical officer of BioCryst.

About PNH

Paroxysmal nocturnal hemoglobinuria (PNH), is a rare, serious, and potentially life-threatening complement-mediated blood disease that causes red blood cells to rupture. The complement system is part of the body’s natural immune system and is responsible for helping the body eliminate microbes and damaged cells. Once activated, the complement system stimulates inflammation, phagocytosis and cell lysis. Excessive or uncontrolled activation of the complement system can cause severe, and potentially fatal, immune and inflammatory disorders, such as PNH.

Further information about PNH is available from the National Institutes of Health at https://ghr.nlm.nih.gov/condition/paroxysmal-nocturnal-hemoglobinuria

About BioCryst Pharmaceuticals

BioCryst Pharmaceuticals discovers novel, oral, small-molecule medicines that treat rare diseases in which significant unmet medical needs exist and an enzyme plays a key role in the biological pathway of the disease. BioCryst has several ongoing development programs including ORLADEYO™ (berotralstat), an oral treatment for hereditary angioedema, BCX9930, an oral Factor D inhibitor for the treatment of complement-mediated diseases, galidesivir, a potential treatment for COVID-19, Marburg virus disease and Yellow Fever, and BCX9250, an ALK-2 inhibitor for the treatment of fibrodysplasia ossificans progressiva. RAPIVAB® (peramivir injection), a viral neuraminidase inhibitor for the treatment of influenza, is BioCryst's first approved product and has received regulatory approval in the U.S., Canada, Australia, Japan, Taiwan, Korea and the European Union. Post-marketing commitments for RAPIVAB are ongoing. For more information, please visit the Company's website at www.BioCryst.com.

Forward-Looking Statements
This press release contains forward-looking statements, including statements regarding potential benefits associated with BCX9930 and Orphan Drug designation. These statements involve known and unknown risks, uncertainties and other factors which may cause any actual benefits to be materially different from those expressed or implied by the forward-looking statements. These statements reflect our current views and are subject to risks and uncertainties. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Some of the factors that could affect the forward-looking statements contained herein include: Orphan Drug and Fast Track designations by the FDA may not lead to a faster development, regulatory review, or approval process with the FDA and does not increase the likelihood that BCX9930 will receive marketing approval; and ongoing and future preclinical and clinical development of BCX9930 may not have positive results. Please refer to the documents BioCryst files periodically with the Securities and Exchange Commission, specifically BioCryst’s most recent Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K, all of which identify important factors that could cause the actual results to differ materially from those contained in BioCryst’s forward-looking statements.

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