

**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): January 7, 2022

BIOCRYS T PHARMACEUTICALS, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or Other Jurisdiction of Incorporation)

000-23186
(Commission File Number)

62-1413174
(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 January 7, 2022, BioCryst Pharmaceuticals, Inc. (the “Company”) issued a press release announcing the enrollment of the first patient in the REDEEM-1 pivotal trial with its oral Factor D inhibitor, BCX9930, in patients with paroxysmal nocturnal hemoglobinuria (“PNH”). A copy of the press release is furnished as Exhibit 99.1 hereto and is incorporated herein by reference.

The information in this Current Report on Form 8-K shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), 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, or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit</u> <u>No.</u>	<u>Description</u>
<u>99.1</u>	<u>Press release dated January 7, 2022 entitled “BioCryst Begins Patient Enrollment in REDEEM-1 Pivotal Trial Evaluating BCX9930 as Oral Monotherapy for Patients with PNH”</u>
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: January 7, 2022

By: /s/ Alane Barnes
Alane Barnes
Chief Legal Officer

BioCryst Begins Patient Enrollment in REDEEM-1 Pivotal Trial Evaluating BCX9930 as Oral Monotherapy for Patients with PNH

RESEARCH TRIANGLE PARK, N.C., Jan. 07, 2022 (GLOBE NEWSWIRE) -- BioCryst Pharmaceuticals, Inc. (Nasdaq: BCRX) today announced the enrollment of the first patient in the REDEEM-1 pivotal trial with its oral Factor D inhibitor, BCX9930, in patients with paroxysmal nocturnal hemoglobinuria (PNH).

REDEEM-1 is a randomized, open-label, active comparator-controlled comparison of the efficacy and safety of BCX9930 (500 mg bid) monotherapy in approximately 81 PNH patients with an inadequate response to a C5 inhibitor. In part 1 of this trial, patients who have not had an adequate response to a C5 inhibitor will be randomized 2:1 to discontinue their C5 inhibitor and receive BCX9930 as monotherapy or to continue receiving their C5 inhibitor for 24 weeks. All patients will receive BCX9930 in part 2 (weeks 25-52) to assess the long-term safety, tolerability and effectiveness of BCX9930. Patients who are randomized to C5 inhibitor therapy in part 1 will discontinue that therapy at the week 24 visit and start BCX9930 for part 2. The primary endpoint of REDEEM-1 is change from baseline in hemoglobin, as assessed at weeks 12 to 24.

“On the heels of recently beginning enrollment in our REDEEM-2 pivotal trial, today’s announcement marks another important milestone as we advance BCX9930 closer to registration for patients living with PNH,” said Dr. William Sheridan, chief medical officer of BioCryst. “Given the unmet need patients have related to the current standard of care, we aim to demonstrate in the REDEEM-1 pivotal trial the potential of BCX9930 as an oral monotherapy that could represent significant improvement for patients compared to their experiences with C5 inhibitor therapies.”

In a dose-ranging trial of BCX9930 in C5 inadequate response patients, the company previously reported that BCX9930 (at doses of 400 mg or 500 mg bid) increased hemoglobin from baseline by a mean of 2.7 g/dL through weeks 12 to 24 with 80 percent of patients being transfusion-free over the same period. BCX9930 was safe and generally well-tolerated in the trial.

BioCryst recently announced it had begun enrolling patients in the REDEEM-2 pivotal trial, a randomized, placebo-controlled trial to evaluate the efficacy and safety of BCX9930 (500 mg bid) as monotherapy versus placebo in approximately 57 PNH patients not currently receiving complement inhibitor therapy. Additionally, the company is initiating a proof-of-concept trial of BCX9930 in renal complement-mediated diseases including C3 glomerulopathy (C3G), IgA nephropathy (IgAN) and primary membranous nephropathy (PMN).

The U.S. Food and Drug Administration has granted both Fast Track status and Orphan Drug Designation to BCX9930 for PNH. For more information about REDEEM-1, visit ClinicalTrials.gov and search NCT number NCT05116774.

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. Oral, once-daily ORLADEYO[®] (berotralstat) is approved in the United States, the European Union, Japan, the United Arab Emirates and the United Kingdom. BioCryst has several ongoing development programs including BCX9930, an oral Factor D inhibitor for the treatment of complement-mediated diseases, BCX9250, an ALK-2 inhibitor for the treatment of fibrodysplasia ossificans progressiva, and galidesivir, a potential treatment for Marburg virus disease and Yellow Fever. RAPIVAB[®] (peramivir injection) has received regulatory approval in the U.S., Canada, Australia, Japan, Taiwan and Korea. 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 BioCryst’s plans and expectations for its BCX9930 program. These statements involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These statements reflect our current views with respect to future events and are based on assumptions 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: the ongoing COVID-19 pandemic, which could create challenges in all aspects of BioCryst’s business, including without limitation delays, stoppages, difficulties and increased expenses with respect to BioCryst’s and its partners’ development, regulatory processes and supply chains, negatively impact BioCryst’s ability to access the capital or credit markets to finance its operations, or have the effect of heightening many of the risks described below or in the documents BioCryst periodically files with the Securities and Exchange Commission; ongoing and future preclinical and clinical development of BCX9930 may not have positive results; BioCryst may not be able to enroll the required number of subjects in planned clinical trials of product candidates; BioCryst may not advance human clinical trials with product candidates as expected; the FDA or other applicable regulatory agency may require additional studies beyond the studies planned for products and product candidates, may not provide regulatory clearances which may result in delay of planned clinical trials, may impose certain restrictions, warnings, or other requirements on products and product candidates, may impose a clinical hold with respect to product candidates, or may withhold, delay, or withdraw market approval for products and product candidates; product candidates, if approved, may not achieve market acceptance; BioCryst’s ability to successfully commercialize its products and product candidates, manage its growth and compete effectively; risks related to the international expansion of BioCryst’s business; and actual financial results may not be consistent with expectations, including that revenue, operating expenses and cash usage may not be within management’s expected ranges. 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, 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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