
**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): June 22, 2022

KRYSTAL BIOTECH, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-38210
(Commission
File Number)

82-1080209
(IRS Employer
Identification Number)

**2100 Wharton Street, Suite 701
Pittsburgh, Pennsylvania 15203**
(Address of principal executive offices, including Zip Code)

Registrant's telephone number, including area code: (412) 586-5830

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))

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 June 22, 2022, Krystal Biotech, Inc. (the “Company”) issued a press release announcing its submission of a Biologics License Application to the U.S. FDA seeking approval of B-VEC for the treatment of patients with dystrophic epidermolysis bullosa. A copy of this press release is attached hereto as Exhibit 99.1.

The information in this Item 7.01 of this Current Report on Form 8-K and in Exhibit 99.1 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, or incorporated by reference in any filing made by the Company pursuant to the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release dated June 22, 2022.
104	Cover Page Interactive Data file (embedded within the Inline XBRL document)

SIGNATURES

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

Date: June 22, 2022

KRYSTAL BIOTECH, INC.

By: /s/ Krish S. Krishnan
Name: Krish S. Krishnan
Title: Chairman and Chief Executive Officer

Krystal Biotech Submits Biologics License Application to U.S. FDA Seeking Approval of B-VEC for the Treatment of Patients with Dystrophic Epidermolysis Bullosa

June 22, 2022

PITTSBURGH, June 22, 2022 (GLOBE NEWSWIRE) – [Krystal Biotech, Inc.](#) (the “Company”) (NASDAQ: KRY5), the leader in redosable gene therapy, announced today the submission of a Biologics License Application (BLA) to the U.S. Food and Drug Administration (FDA) seeking approval of B-VEC (beremagene geperpavec) for the treatment of patients with dystrophic epidermolysis bullosa (DEB). B-VEC is an investigational non-invasive, topical gene therapy designed to treat DEB at the molecular level by providing the patient’s skin cells with two copies of the normal *COL7A1* gene to make normal COL7 protein, thereby addressing the fundamental disease-causing mechanism.

“The unmet medical need for DEB patients remains very high and our relentless pursuit of a treatment for this disease continues with the same sense of urgency that we have always had since the founding of Krystal Biotech” said Suma Krishnan, President of Research & Development. “We look forward to working with the FDA in its review of our BLA submission.”

The BLA submission for B-VEC is supported by data from two placebo controlled clinical trials - the GEM-3 trial ([NCT04491604](#)) and the GEM-1/2 trial ([NCT03536143](#)).

The GEM-3 trial was a randomized, double-blind, intra-patient placebo-controlled multi-center trial designed to evaluate the efficacy and safety of B-VEC for the treatment of DEB. In the trial, matched wounds receiving topical B-VEC or placebo were evaluated in 31 DEB patients over 26 weeks. The pivotal GEM-3 trial met its primary endpoint of complete wound healing at six-months and its secondary endpoint of complete wound healing at three-months. B-VEC was well tolerated, with no drug-related serious adverse events or discontinuations due to treatment.

The GEM-1/2 trial was a randomized, open-label, intra-patient placebo-controlled single-center trial designed to evaluate efficacy (mechanistic and clinical) and safety of B-VEC for the treatment of DEB. In the trial, matched wounds receiving topical B-VEC or placebo were evaluated in nine recessive dystrophic epidermolysis bullosa patients over 12 weeks. Both mechanistic and clinical endpoints were met. No serious or severe B-VEC-related adverse events or systemic drug exposure were noted. Results from the GEM-1/2 trial of B-VEC for the treatment of DEB were published in *Nature Medicine*. [The publication](#) provides a comprehensive analysis of the data from the GEM-1/2 trial showing that repeat topical applications of B-VEC were well tolerated and associated with durable wound closure, full-length cutaneous type VII collagen (COL7) expression, and anchoring fibril assembly with minimal reported adverse events.

In addition to submitting the BLA to the FDA, the Company has continued to engage in dialog with regulatory authorities in other markets, including Europe and Japan. The Company anticipates submission of a marketing authorization application with the European Medical Agency (EMA) in 2H 2022.

About Dystrophic Epidermolysis Bullosa (DEB)

DEB is a rare and severe disease that affects the skin and mucosal tissues. It is caused by one or more mutations in a gene called *COL7A1*, which is responsible for the production of the protein type VII collagen (COL7) that forms anchoring fibrils that bind the dermis (inner layer of the skin) to the epidermis (outer layer of the skin). The lack of functional anchoring fibrils in DEB

patients leads to extremely fragile skin that blisters and tears from minor friction or trauma. DEB patients suffer from open wounds, which leads to skin infections, fibrosis which can cause fusion of fingers and toes, and ultimately an increased risk of developing an aggressive form of squamous cell carcinoma which, in severe cases, can be fatal.

About B-VEC

B-VEC is an investigational non-invasive, topical, redosable gene therapy designed to deliver two copies of the *COL7A1* gene when applied directly to DEB wounds. B-VEC was designed to treat DEB at the molecular level by providing the patient's skin cells the template to make normal COL7 protein, thereby addressing the fundamental disease-causing mechanism.

The FDA and EMA have each granted B-VEC orphan drug designation for the treatment of DEB, and the FDA has granted B-VEC fast track designation and rare pediatric designation for the treatment of DEB. In addition, the FDA granted Regenerative Medicine Advanced Therapy (RMAT) to B-VEC for the treatment of DEB and the EMA granted PRiority Medicines (PRIME) eligibility for B-VEC to treat DEB.

About Krystal Biotech, Inc.

Krystal Biotech, Inc. (NASDAQ: KRY5) is a pivotal-stage gene therapy company leveraging its proprietary, redosable gene therapy platform and in-house manufacturing capabilities to develop life-changing medicines for patients with serious diseases, including rare diseases in skin, lung, and other areas. For more information please visit <http://www.krystalbio.com>, and follow @KrystalBiotech on [LinkedIn](#) and [Twitter](#).

Forward-Looking Statements

Any statements in this press release about future expectations, plans and prospects for the Company, including statements about the timing of the submission of the Company's EMA marketing authorization application, and other statements containing the words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "likely," "will," "would," "could," "should," "continue," and similar expressions, constitute forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: uncertainties associated with regulatory review of clinical trials and applications for marketing approvals, the availability or commercial potential of product candidates including B-VEC, the sufficiency of cash resources and need for additional financing and such other important factors as are set forth under the caption "Risk Factors" in the Company's annual and quarterly reports on file with the U.S. Securities and Exchange Commission. In addition, the forward-looking statements included in this press release represent the Company's views as of the date of this release. The Company anticipates that subsequent events and developments will cause its views to change. However, while the Company may elect to update these forward-looking statements at some point in the future, it specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this press release.

CONTACTS:

Investors and Media:

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