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

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES
EXCHANGE ACT OF 1934**

For the month of October 2023

Commission File Number: **001-39950**

Evaxion Biotech
(Translation of registrant's name into English)

Dr. Neergaards Vej 5f
DK-2970 Hoersholm
Denmark
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.
Form 20-F [] Form 40-F []

INCORPORATION BY REFERENCE

This report on Form 6-K shall be deemed to be incorporated by reference in Evaxion Biotech A/S's registration statements on Form S-8 (File No. 333-255064), on Form F-3 (File No. 333-265132) and on Form F-1 (File No. 333-266050), including any prospectuses forming a part of such registration statements and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

On October 26, 2023, the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

[\(c\) Exhibit 99.1. Press release dated October 26, 2023](#)

SIGNATURES

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, thereunto duly authorized.

Evaxion Biotech
(Registrant)

Date: October 26, 2023

/s/ Sabine Mølleskov
Sabine Mølleskov
VP Investor Relations

New and Exciting Clinical Data on Evaxion's AI-Immunology™-Based Personalized Cancer Vaccines to be Presented

- Data from Evaxion's two personalized cancer vaccine clinical trials to be presented at the annual meeting of the Society for Immunotherapy of Cancer (SITC)
- These new sets of clinical data further strengthen Evaxion's position as a pioneering cancer vaccine company

COPENHAGEN, Denmark, Oct. 26, 2023 (GLOBE NEWSWIRE) -- Evaxion Biotech A/S (NASDAQ: EVAX) ("Evaxion" or the "Company"), a clinical-stage TechBio company specializing in developing AI-Immunology™-powered vaccines, is proud to announce that it will be presenting clinical readouts on its two personalized cancer vaccine trials at SITC's 38th annual meeting, taking place in San Diego, California from November 1-5, 2023.

The results will be presented in two posters:

1. **Title:** "AI-designed personalized neoantigen vaccine, EVX-02, induces robust T-cell responses in melanoma patients"

Poster #: 623

Location: Exhibit Hall B – San Diego Convention Center

Time: Friday, November 3, 9 a.m. - 7 p.m. PDT

This poster will be presented by Evaxion's senior project manager, Daniela Kleine-Kohlbrecher. The abstract was also selected by the SITC Communications Committee to be presented at the SITC 2023 Annual Meeting Press Conference, scheduled for Wednesday, November 1, from 12:00–1:30 p.m. PDT.

2. **Title:** "Effects of an AI-generated personalized neopeptide-based immunotherapy, EVX-01, in combination with pembrolizumab in patients with metastatic melanoma. A clinical trial update"

Poster #: 782-H

Location: Exhibit Hall B – San Diego Convention Center

Time: Saturday, November 4, 9 a.m. - 8:30 p.m. PDT

This poster will be presented by principal investigator Professor Adnan Khattak from the Hollywood Private Hospital in Nedlands, Australia.

Christian Kanstrup, Chief Executive Officer at Evaxion, commented, "We are thrilled about the continuous buildup of positive clinical evidence for the unique predictive capabilities of our AI-immunology™ platform, which we believe holds promise for truly groundbreaking cancer treatments."

Birgitte Rønø, Chief Scientific Officer at Evaxion, expressed her enthusiasm about the upcoming conference, stating, "We are looking forward to sharing these promising clinical trial results with the SITC community, showcasing the advantages of our AI-Immunology™ platform to design personalized cancer vaccines. We believe this takes us one step closer to bringing novel treatments to the market and meeting the pressing global medical need for cancer patients."

About EVX-01 Phase 2 Clinical Trial

EVX-01 is Evaxion's lead clinical asset and constitutes a peptide-based personalized cancer vaccine. The Phase 2 clinical study is a self-sponsored open-label, single-arm, multi-center trial carried out in collaboration with Merck Sharp & Dohme LLC, together with leading principal investigators and research centers from Italy and Australia, and aims at evaluating the efficacy and safety of EVX-01 vaccination in combination with anti-PD1 treatment (pembrolizumab) in treatment-naïve patients with metastatic or unresectable malignant stage III or IV melanoma. More information can be accessed under clinical trial ID NCT05309421.

About EVX-02 Phase 1/2a Clinical Trial

The EVX-02 Phase 1/2a represents Evaxion's first-in-human DNA-based personalized cancer vaccine study. This open-label, multi-center study aims at assessing the safety, tolerability, pharmacodynamic responses, and efficacy of EVX-02 neoantigen vaccine and anti-PD-1 treatment (nivolumab) in patients who have had a complete resection of a Stage IIIB/IIIC/IIID or Stage IV melanoma with risk of recurrence. More information can be accessed under clinical trial ID NCT04455503.

About EVAXION

Evaxion Biotech A/S is a pioneering TechBio company based upon its AI platform: AI-immunology™. Evaxion's proprietary and scalable AI prediction models harness the power of artificial intelligence to decode the human immune system and develop novel immunotherapies for cancer, bacterial diseases, and viral infections. Based upon AI-immunology™, Evaxion has developed a clinical-stage oncology pipeline of novel personalized vaccines and a preclinical infectious disease pipeline in bacterial and viral diseases with high unmet medical needs. Evaxion is committed to transforming patients' lives by providing innovative and targeted treatment options. For more information about Evaxion and its groundbreaking AI-immunology™ platform and vaccine pipeline, please visit our website.

Forward-Looking Statement

This announcement contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. The words “target,” “believe,” “expect,” “hope,” “aim,” “intend,” “may,” “might,” “anticipate,” “contemplate,” “continue,” “estimate,” “plan,” “potential,” “predict,” “project,” “will,” “can have,” “likely,” “should,” “would,” “could,” and other words and terms of similar meaning identify forward-looking statements. Actual results may differ materially from those indicated by such forward-looking statements as a result of various factors, including, but not limited to, risks related to: our financial condition and need for additional capital; our development work; cost and success of our product development activities and preclinical and clinical trials; commercializing any approved pharmaceutical product developed using our AI platform technology, including the rate and degree of market acceptance of our product candidates; our dependence on third parties including for conduct of clinical testing and product manufacture; our inability to enter into partnerships; government regulation; protection of our intellectual property rights; employee matters and managing growth; our ADSs and ordinary shares, the impact of international economic, political, legal, compliance, social and business factors, including inflation, and the effects on our business from the worldwide ongoing COVID-19 pandemic and the ongoing conflict in the region surrounding Ukraine and Russia and the Middle East; and other uncertainties affecting our business operations and financial condition. For a further discussion of these risks, please refer to the risk factors included in our most recent Annual Report on Form 20-F and other filings with the U.S. Securities and Exchange Commission (SEC), which are available at www.sec.gov. We do not assume any obligation to update any forward-looking statements except as required by law.

Contact Information

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Source: Evaxion Biotech