
**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 August 2024

Commission File Number: **001-39950**

Evaxion Biotech A/S
(Exact Name of Registrant as Specified in Its Charter)

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 [X] 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), on Form F-1, as amended (File No. 333-266050), Form F-1 (File No. 333-276505), and Form F-1 (File No. 333-279153), 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of such registration statements and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

Press Release

On August 8, 2024, Evaxion Biotech A/S (the "Company"), a clinical-stage TechBio company specializing in developing AI-Immunology™ powered vaccines, issued a press release titled "Evaxion to Present One-Year Clinical Efficacy Data from its Phase 2 Study on Lead Cancer Vaccine Candidate, EVX-01, at the ESMO Congress 2024 in September". A copy of the press release is furnished as Exhibit 99.1 to this report on Form 6-K.

Exhibits

<u>Exhibit No.</u>	<u>Description</u>
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99.1	Press Release dated August 8, 2024
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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 A/S
(Registrant)

Date: August 8, 2024

By: /s/ Christian Kanstrup
Christian Kanstrup
Chief Executive Officer

Evaxion to Present One-Year Clinical Efficacy Data from its Phase 2 Study on Lead Cancer Vaccine Candidate, EVX-01, at the ESMO Congress 2024 in September

COPENHAGEN, Denmark, Aug. 08, 2024 (GLOBE NEWSWIRE) -- Evaxion Biotech A/S (NASDAQ: EVAX) (“Evaxion”), a clinical-stage TechBio company specializing in developing AI-Immunology™ powered vaccines, is proud to announce the presentation of one-year clinical efficacy Phase 2 data for its lead compound EVX-01 at the European Society for Medical Oncology (ESMO) Congress 2024, taking place in Barcelona, Spain, from September 13-17, 2024. The EVX-01 vaccine is a personalized therapy currently being assessed in patient with advanced melanoma (skin cancer).

Christian Kanstrup, CEO of Evaxion, comments: “Having our abstract selected for presentation by the ESMO Congress 2024 Scientific Committee is a testament to the significant progress and impact of our work in the field of medical oncology. This is one of the most prestigious medical oncology conferences in the world and, as such, a great opportunity for us to make the data available to a large global audience of experts, researchers and collaborators, as well as potential partners. Presenting one-year Phase 2 clinical efficacy data for our lead pipeline candidate is a major milestone for Evaxion and advancing our own high-value programs to key value inflection points is an important part of our strategy.”

Evaxion’s innovative approach to develop personalized cancer vaccines builds on its AI-Immunology™ platform. The vaccines are designed to target the unique genetic makeup of an individual’s tumor and are tailored to the patients’ immune system, potentially enhancing the efficacy of treatment and improving patient outcomes.

Presentation Details:

Abstract Title:	Phase 2 study of AI-designed personalized neoantigen cancer vaccine, EVX-01, in combination with pembrolizumab in advanced melanoma
Abstract#:	1084P
Poster#:	2904
Track:	Melanoma and other skin tumours
Location:	Hall 6
Date/Time:	September 14 at 12.00 – 13.00 CEST
Presenter:	Dr. Paola Queirolo, Director, Medical Oncology of Melanoma, Sarcoma and Rare Tumors, European Institute of Oncology, Milan, Italy

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 that, together with leading principal investigators and research centers from Italy and Australia, aims to evaluate the efficacy and safety of EVX-01 vaccination in combination with anti-PD1 therapy KEYTRUDA® (pembrolizumab) in treatment-naive patients with metastatic or unresectable malignant stage III or IV melanoma. More information can be accessed under clinical trial ID NCT05309421.

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.

Contact Information

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Source: Evaxion Biotech

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.