

**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 16, 2024**

BULLFROG AI HOLDINGS, INC.

(Exact name of registrant as specified in charter)

Nevada
(State or other jurisdiction
of incorporation)

001-41600
(Commission
File Number)

84-4786155
(IRS Employer
Identification No.)

**325 Ellington Blvd, Unit 317
Gaithersburg, MD 20878**
(Address of principal executive offices) (Zip Code)

(240) 658-6710
(Registrant's telephone number, including area code)

Not Applicable
(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 (see General Instruction A.2. below):

- 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, par value \$ 0.00001 per share	BFRG	The Nasdaq Stock Market LLC (The Nasdaq Capital Market)
Tradeable Warrants	BFRGW	The Nasdaq Stock Market LLC (The Nasdaq Capital 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

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 16, 2024, Bullfrog AI Holdings, Inc. issued a press release. A copy of the press release is attached hereto and incorporated herein by reference in its entirety as [Exhibit 99.1](#).

Item 9.01 Financial statements and Exhibits

(d) Exhibits.

Exhibit Number **Description**

Exhibit 99.1 [Press Release dated January 16, 2024.](#)

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.

Date: January 16, 2024

BULLFROG AI HOLDINGS, INC.

By: */s/ Vininder Singh*

Vininder Singh
Chief Executive Officer



BullFrog AI Announces Issuance of Australian Patent Protecting Novel Prodrugs of Mebendazole and Their Use in Treating Cancer

Issued patent provides protection for BF-223 and related compounds

Gaithersburg, MD – Date – [BullFrog AI Holdings, Inc.](#) (NASDAQ: BFRG; BFRGW) (“BullFrog AI” or the “Company”), a technology-enabled drug development company using artificial intelligence (AI) and machine learning to enable the successful development of pharmaceuticals and biologics, today announced that the Australian Patent Office has issued Patent No. 2019216757 protecting the Company’s novel prodrugs derived from mebendazole and their use in treating cancers and other diseases. This follows the July 2023 announcement of the issuance of U.S. Patent No. 11,712,435 for this invention ([link](#)), with issuance of patents expected in additional territories in the future.

The patented compounds exhibit improved solubility and oral bioavailability relative to the parent drug, thereby addressing a key difficulty associated with the potential use of mebendazole for oncology indications, and include BF-223, a key asset in the Company’s pipeline of in-licensed drugs. The Company previously announced positive results from a preclinical study demonstrating that BF-223 has anticancer activity in an animal model for glioblastoma ([link](#)).

“This patent grant further strengthens intellectual property protection of this key asset in our pipeline,” said Vin Singh, founder and CEO of BullFrog AI. “Mebendazole has shown promise in treating various types of cancer, and the results of our preclinical study evaluating BF-223 in an animal model of glioblastoma support our thesis that prodrugs of mebendazole may provide enhanced therapeutic potential, thereby improving the likelihood of clinical success. We look forward to working with strategic partners to monetize this promising asset for the treatment of glioblastoma and other oncology indications.”

About BullFrog AI

BullFrog AI is a technology-enabled drug development company using AI and machine learning to enable the successful development of pharmaceuticals and biologics. Through its collaborations with leading research institutions, BullFrog AI is at the forefront of AI-driven drug development using its proprietary bLEAP™ artificial intelligence platform to create and analyze networks of biological, clinical, and real-world data spanning from early discovery to late-stage clinical trials. BullFrog AI is deploying bLEAP™ for use at several critical stages of development with the intention of streamlining data analytics in therapeutics development, decreasing the overall development costs by decreasing failure rates for new therapeutics.

For more information visit BullFrog AI at:

Website: <https://bullfrogai.com>

LinkedIn: <https://www.linkedin.com/company/bullfrogai/>



Safe Harbor Statement

This press release contains forward-looking statements. We base these forward-looking statements on our expectations and projections about future events, which we derive from the information currently available to us. Such forward-looking statements relate to future events or our future performance, including: our financial performance and projections; our growth in revenue and earnings; and our business prospects and opportunities. You can identify forward-looking statements by those that are not historical in nature, particularly those that use terminology such as “may,” “should,” “expects,” “anticipates,” “contemplates,” “estimates,” “believes,” “plans,” “projected,” “predicts,” “potential,” or “hopes” or the negative of these or similar terms. In evaluating these forward-looking statements, you should consider various factors, including: our ability to change the direction of the Company; our ability to keep pace with new technology and changing market needs; and the competitive environment of our business. These and other factors may cause our actual results to differ materially from any forward-looking statement. Forward-looking statements are only predictions. The forward-looking events discussed in this press release and other statements made from time to time by us or our representatives, may not occur, and actual events and results may differ materially and are subject to risks, uncertainties, and assumptions about us. We are not obligated to publicly update or revise any forward-looking statement, whether as a result of uncertainties and assumptions, the forward-looking events discussed in this press release and other statements made from time to time by us or our representatives might not occur.

Contact:

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SOURCE: BullFrog AI Holdings, Inc.
