

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

**FORM S-8**  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

**OptiNose, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**1020 Stony Hill Road, Suite 300  
Yardley, Pennsylvania 19067**  
(Address, including zip code, of Registrant's  
principal executive offices)

**42-1771610**  
(I.R.S. Employer  
Identification No.)

**AMENDED AND RESTATED 2010 STOCK INCENTIVE PLAN  
NON-QUALIFIED STOCK OPTION AWARD (INDUCEMENT GRANT)**

(Full title of the plans)

**Ramy Mahmoud  
Chief Executive Officer  
OptiNose, Inc.  
1020 Stony Hill Road, Suite 300  
Yardley, Pennsylvania 19067  
(267) 364-3500**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

**With Copy to:**

**Michael F. Marino  
Chief Legal Officer  
OptiNose, Inc.  
1020 Stony Hill Road, Suite 300  
Yardley, PA 19067  
(267) 364-3500**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

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 7(a)(2)(B) of Securities Act.

## EXPLANATORY NOTE

### Amended and Restated 2010 Stock Incentive Plan

This Registration Statement on Form S-8 (the "Registration Statement") is being filed for the purpose of registering an additional with 4,495,979 shares of common stock, par value \$0.001 per share ("Common Stock") of OptiNose, Inc. (the "Registrant"), issuable pursuant to the OptiNose, Inc. Amended and Restated 2010 Stock Incentive Plan (the "2010 Plan"). These additional shares of common stock have become reserved for issuance as a result of the operation of the "evergreen" provision in the 2010 Plan, which provides that the total number of shares subject to such plan will be increased on the first day of each fiscal year pursuant to a specified formula or will be increased to such lesser total number of shares as may be determined by the Board with respect to the 2010 Plan. The contents of the previous Registration Statements on Form S-8 filed by the Registrant with the Securities and Exchange Commission (the "Commission") on October 20, 2017 (File No. 333-221047), March 13, 2018 (File No. 333-223617), March 6, 2019 (File No. 333-230083), March 9, 2020 (File No. 333-236978), March 3, 2021 (File No. 333-253814), March 8, 2022 (File No. 333-263362) and March 7, 2023 (File No. 333-270333) to the extent not otherwise amended or superseded by the contents hereof, are incorporated by reference into this Registration Statement pursuant to General Instruction E of Form S-8.

### Inducement Award

This Registration Statement is also being filed for the purpose of registering shares of Common Stock issuable upon the exercise of nonqualified stock option awards granted to employees of the Registrant to induce each such individual to accept employment with the Registrant (collectively, the "Inducement Awards"). The Inducement Awards were granted as detailed below:

- nonqualified stock option awards to purchase 54,000 shares of Common Stock granted on April 17, 2023; and
- nonqualified stock option award to purchase 100,000 shares of Common Stock granted on June 16, 2023;

The Inducement Awards were approved pursuant to delegated authority by the Registrant's Compensation Committee of the Board of Directors in compliance with and in reliance on Nasdaq Listing Rule 5635(c)(4). The Inducement Awards were granted outside of the 2010 Plan.

## PART I

### INFORMATION REQUIRED IN THE SECTION 10(A) PROSPECTUS

As permitted by the rules of the Commission, this Registration Statement omits the information specified in Part I of Form S-8. The documents containing the information specified in Part I will be delivered to the participants in the 2010 Plan, the 2017 ESPP, or the Inducement Award, as applicable, as required by Rule 428(b)(1) under the Securities Act of 1933, as amended (the "Securities Act").

## PART II

### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

#### Item 3. Incorporation of Documents by Reference.

The following documents of the Registrant filed with the Commission are incorporated by reference in this Registration Statement as of their respective dates:

- the Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2023, filed with the Commission on [March 7, 2024](#);
- the Registrant's Current Report on Form 8-K filed with the Commission on [February 23, 2024](#) and on [March 7, 2024](#) (except Item 2.02 and Exhibit 99.1); and
- the description of the Common Stock contained in our registration statement on [Form 8-A](#) (File No. 001-38241) filed with the Commission on October 10, 2017, as updated by [Exhibit 4.5](#) to our Annual Report on Form 10-K for the fiscal year ended December 31, 2022, including any amendments or reports filed for the purpose of updating such description.

All reports and other documents filed by the Registrant after the date hereof pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), but prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference herein and to be part hereof from the date of filing of such reports and documents, except for the documents, or portions thereof, that are "furnished" rather than filed with the Commission.

For the purposes of this Registration Statement, any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

#### Item 4. Description of Securities.

Not applicable.

#### Item 5. Interests of Named Experts and Counsel.

Not applicable.

#### Item 6. Indemnification of Directors and Officers.

We are incorporated under the laws of the State of Delaware. Section 145 of the Delaware General Corporation Law provides that a Delaware corporation may indemnify any persons who are, or are threatened to be made, parties to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person is or was an officer, director, employee or agent of such corporation, or is or was serving at the request of such person as an officer, director, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests and, with respect to

any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. A Delaware corporation may indemnify any persons who are, or are threatened to be made, a party to any threatened, pending or completed action or suit by or in the right of the corporation by reason of the fact that such person is or was a director, officer, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him or her against the expenses which such officer or director has actually and reasonably incurred. Our fourth amended and restated certificate of incorporation and amended and restated bylaws provide for the indemnification of our directors and officers to the fullest extent permitted under the Delaware General Corporation Law.

Section 102(b)(7) of the Delaware General Corporation Law permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- transaction from which the director derives an improper personal benefit;
- act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- unlawful payment of dividends or redemption of shares; or
- breach of a director's duty of loyalty to the corporation or its stockholders.

Our fourth amended and restated certificate of incorporation includes such a provision. Expenses incurred by any officer or director in defending any such action, suit or proceeding in advance of its final disposition shall be paid by us upon delivery to us of an undertaking, by or on behalf of such director or officer, to repay all amounts so advanced if it shall ultimately be determined that such director or officer is not entitled to be indemnified by us.

As permitted by the Delaware General Corporation Law, we have entered into indemnification agreements with our directors and executive officers. These agreements, among other things, require us to indemnify each director and officer to the fullest extent permitted by law and advance expenses to each indemnitee in connection with any proceeding in which indemnification is available.

At present, there is no pending litigation or proceeding involving any of our directors or executive officers as to which indemnification is required or permitted.

We have an insurance policy covering our officers and directors with respect to certain liabilities, including liabilities arising under the Securities Act of 1933, as amended, or the Securities Act, or otherwise.

**Item 7. Exemption from Registration Claimed.**

Not applicable.

## Item 8. Exhibits.

Exhibit Number	Description
4.1	<a href="#">Fourth Amended and Restated Certificate of Incorporation of the Registrant (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed with the Commission on October 18, 2017)</a>
4.2	<a href="#">Certificate of Amendment of Fourth Amended and Restated Certificate of Incorporation of OptiNose, Inc. (incorporated by reference to Exhibit 3.3 to the Registrant's Quarterly Report on Form 10-Q filed with the Commission on August 10, 2023)</a>
4.3	<a href="#">Amended and Restated Bylaws of the Registrant (incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed with the Commission on October 18, 2017)</a>
5.1*	<a href="#">Opinion of the Company's Chief Legal Officer as to the legality of the securities being registered.</a>
10.1	<a href="#">Amended and Restated 2010 Stock Incentive Plan (incorporated by reference to Exhibit 10.7 to Amendment No. 2 to the Registrant's Registration Statement on Form S-1 (File No. 333-220515) filed with the Commission on October 11, 2017)</a>
10.2	<a href="#">Form of Non-Qualified Stock Option Agreement (Inducement Grant) (incorporated by reference to Exhibit 99.3 to the Registrant's Current Report on Form 8-K filed with the Commission on February 19, 2020)</a>
10.3	<a href="#">2017 Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.18 to Amendment No. 2 to the Registrant's Registration Statement on Form S-1 (File No. 333-220515) filed with the Commission on October 11, 2017)</a>
23.1*	<a href="#">Consent of Ernst &amp; Young LLP, independent registered public accounting firm.</a>
23.2*	<a href="#">Consent of the Company's Chief Legal Officer (included in Exhibit 5.1).</a>
24.1*	<a href="#">Power of Attorney (included on the signature page).</a>
107*	<a href="#">Filing Fee Table</a>

\* Filed herewith

## Item 9. Undertakings.

- (a) The undersigned Registrant hereby undertakes:
- (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
    - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
    - (ii) To reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;
    - (iii) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement;

*provided, however,* that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the registration statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
  - (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that, in the opinion of the Commission, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the Borough of Yardley, Commonwealth of Pennsylvania, on the 7th day of March, 2024.

### **OPTINOSE, INC.**

By: /s/ RAMY MAHMOUD

Ramy Mahmoud

Chief Executive Officer

## POWER OF ATTORNEY

We, the undersigned officers and directors of OptiNose, Inc., hereby severally constitute and appoint Ramy Mahmoud and Anthony J. Krick, and each of them singly, our true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names in the capacities indicated below, the registration statement on Form S-8 filed herewith and any and all subsequent amendments to said registration statement, and generally to do all such things in our names and on our behalf in our capacities as officers and directors to enable OptiNose, Inc. to comply with the provisions of the Securities Act of 1933, as amended, and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement on Form S-8 has been signed by the following persons in the capacities indicated on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ RAMY MAHMOUD</u> Ramy Mahmoud	Chief Executive Officer and Director (Principal Executive Officer)	March 7, 2024
<u>/s/ ANTHONY J. KRICK</u> Anthony J. Krick	Chief Accounting Officer (Principal Financial Officer and Principal Accounting Officer)	March 7, 2024
<u>/s/ R. JOHN FLETCHER</u> R. John Fletcher	Chairman of the Board of Directors	March 7, 2024
<u>/s/ ERIC BEDNARSKI</u> Eric Bednarski	Director	March 7, 2024
<u>/s/ KYLE DEMPSEY</u> Kyle Dempsey	Director	March 7, 2024
<u>/s/ WILHELMUS GROENHUYSEN</u> Wilhelmus Groenhuisen	Director	March 7, 2024
<u>/s/ TOMAS J. HEYMAN</u> Tomas J. Heyman	Director	March 7, 2024
<u>/s/ SANDRA L. HELTON</u> Sandra L. Helton	Director	March 7, 2024
<u>/s/ CATHERINE E. OWEN</u> Catherine E. Owen	Director	March 7, 2024



**Calculation of Filing Fee Table**

**Form S-8**  
(Form Type)

**OptiNose, Inc.**

(Exact Name of Registrant as Specified in its Charter)

**Table 1 – Newly Registered Securities**

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Unit	Proposed Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Equity	Common Stock, par value \$0.001 per share, reserved for issuance pursuant to the Amended and Restated 2010 Stock Incentive Plan	457(c) and 457(h)	4,495,979 <sup>(2)</sup>	\$ 1.72 <sup>(3)</sup>	\$ 7,733,083.88 <sup>(3)</sup>	0.0001476	\$ 1,141.40
Equity	Common Stock, par value \$0.001 per share, reserved for issuance pursuant to Non-Qualified Stock Option Award (Inducement Award)	457(h)	54,000 <sup>(4)</sup>	\$ 2.05 <sup>(5)</sup>	\$ 110,700.00 <sup>(5)</sup>	0.0001476	\$ 16.34
Equity	Common Stock, par value \$0.001 per share, reserved for issuance pursuant to Non-Qualified Stock Option Award (Inducement Award)	457(h)	100,000 <sup>(4)</sup>	\$ 1.16 <sup>(5)</sup>	\$ 116,000.00 <sup>(5)</sup>	0.0001476	\$ 17.12
Total Offering Amounts					\$ 7,959,783.88		\$ 1,174.86
Total Fee Offsets							\$ —
Net Fees Due							\$ 1,174.86

(1) In accordance with Rule 416 under the Securities Act of 1933, as amended (the “Securities Act”), this registration statement shall be deemed to cover any additional securities that may from time to time be offered or issued to prevent dilution resulting from stock splits, stock dividends or similar transactions.

(2) Represents shares of common stock, par value \$0.001 per share (“Common Stock”), of OptiNose, Inc. (the “Registrant”), that were added to the shares reserved under the Registrant’s Amended and Restated 2010 Stock Incentive Plan (the “2010 Plan”) on January 1, 2024, pursuant to an “evergreen” provision contained in the 2010 Plan.

(3) Estimated in accordance with Rule 457(c) and Rule 457(h) of the Securities Act solely for the purpose of calculating the registration fee on the basis of the average of the high and low prices of the Registrant’s common stock as reported on the Nasdaq Global Select Market on March 5, 2024.

(4) Represents shares of Common Stock issuable upon the exercise of the non-qualified stock option awards granted to employees of the Registrant between April 2023 and June 2023 as an inducement material to each such individual’s acceptance of employment with the Registrant (the “Inducement Awards”).

(5) Estimated in accordance with Rule 457(h) of the Securities Act solely for the purpose of calculating the registration fee on the basis of the price at which the Inducement Award may be exercised.

March 7, 2024

Board of Directors  
OptiNose, Inc.  
1020 Stony Hill Road, Suite 300  
Yardley, Pennsylvania 19067

Ladies and Gentlemen:

In my capacity as Chief Legal Officer of OptiNose, Inc., a Delaware corporation (the "**Company**"), I have acted as counsel for the Company in connection with its registration statement on Form S-8 (the "**Registration Statement**"), filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "**Act**"), relating to the proposed offering of up to 4,649,979 shares of common stock, par value \$0.001 per share ("**Common Stock**") of the Company (the "**Shares**"), which includes (a) an additional 4,495,979 shares of Common Stock issuable pursuant to the Company's Amended and Restated 2010 Stock Option Incentive Plan (the "**2010 Plan**"), and (b) 154,000 shares of Common Stock issuable upon the exercise of nonqualified stock option awards granted to employees of the Company as an inducement material to each such individual's acceptance of employment with the Company (the "**Inducement Awards**"). This opinion letter is furnished to you at your request to enable you to fulfill the requirements of Item 601(b)(5) of Regulation S-K, 17 C.F.R. § 229.601(b)(5), in connection with the Registration Statement.

For purposes of this opinion letter, I have examined copies of such agreements, instruments and documents as I have deemed an appropriate basis on which to render the opinions hereinafter expressed. In my examination of the aforesaid documents, I have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to me, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to me as copies (including pdfs). As to all matters of fact, I have relied on the representations and statements of fact made in the documents so reviewed, and I have not independently established the facts so relied on. This opinion letter is given, and all statements herein are made, in the context of the foregoing.

This opinion letter is based as to matters of law solely on the Delaware General Corporation Law, as amended. I express no opinion herein as to any other statutes, rules or regulations.

Based upon, subject to and limited by the foregoing, I am of the opinion that following (i) effectiveness of the Registration Statement, (ii) issuance of the Shares pursuant to the terms of the 2010 Plan or the Inducement Awards, as applicable, and (iii) receipt by the Company of the consideration for the Shares specified in the resolutions of the Board of Directors, or a duly authorized committee thereof, the 2010 Plan and the applicable award agreements, as applicable, the Shares will be validly issued, fully paid, and nonassessable.

This opinion letter has been prepared for use in connection with the Registration Statement. I assume no obligation to advise of any changes in the foregoing subsequent to the effective date of the Registration Statement.

I hereby consent to the filing of this opinion letter as Exhibit 5.1 to the Registration Statement. In giving this consent, I do not thereby admit that I am an "expert" within the meaning of the Act.

Very truly yours,

/s/ Michael F. Marino

Michael F. Marino, Esq.  
Chief Legal Officer of OptiNose, Inc.

**Consent of Independent Registered Public Accounting Firm**

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Amended and Restated 2010 Stock Incentive Plan and the Non-qualified Stock Option Awards (Inducement Awards) of OptiNose, Inc. of our report dated March 7, 2024, with respect to the consolidated financial statements of OptiNose, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2023, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Philadelphia, Pennsylvania  
March 7, 2024