UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

SESEN BIO, INC.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

245 First Street, Suite 1800 Cambridge, MA (Address of Principal Executive Offices) **26-2025616** (I.R.S. Employer Identification No.)

> **02142** (Zip Code)

INDUCEMENT STOCK OPTION AWARDS (Full Title of the Plan)

Thomas R. Cannell, D.V.M. President and Chief Executive Officer Sesen Bio, Inc. 245 First Street, Suite 1800 Cambridge, MA 02142 (Name and Address of Agent For Service)

(617) 444-8550 (Telephone Number, Including Area Code, of Agent For Service)

With a copy to:

Steven J. Abrams Hogan Lovells US LLP 1735 Market Street, 23rd Floor Philadelphia, PA 19103 (267) 675-4600

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 \boxtimes

Non-accelerated filer \Box

Emerging growth company \Box

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 the Securities Act.

Accelerated filer Smaller reporting company

Accelerated filer

EXPLANATORY NOTE

This registration statement on Form S-8 is being filed by Sesen Bio, Inc., a Delaware corporation (the "Registrant") to register 1,406,000 shares of the Registrant's common stock, par value \$0.001 ("Common Stock"), issuable upon the exercise of individual nonqualified stock options granted to employees of the Registrant as an inducement material to entry into employment with the Registrant, in accordance with Nasdaq Listing Rule 5635(c)(4).

PART I

INFORMATION REQUIRED IN THE SECTION 10(A) PROSPECTUS

As permitted by the rules of the Securities and Exchange Commission (the "Commission"), this registration statement on Form S-8 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 plans covered by this registration statement 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:

- (a) the Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2021, filed with the Commission on February 28, 2022;
- (b) the Registrant's Current Reports on Form 8-K (other than portions thereof furnished under Item 2.02 or Item 7.01 of Form 8-K and exhibits accompanying such reports that relate to such items) filed with the Commission on January 25, 2022 and February 25, 2022; and
- (c) the description of the Registrant's capital stock contained in Form 8-A filed with the Commission on <u>February 3, 2014</u>, 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.

Section 102 of the Delaware General Corporation Law (the "DGCL") permits a corporation to eliminate the personal liability of its directors or its stockholders for monetary damages for a breach of fiduciary duty as a director, except where the director breached his or her duty of loyalty, failed to act in good faith, engaged in intentional misconduct or knowingly violated a law, authorized the payment of a dividend or approved a stock repurchase in violation of Delaware corporate law or obtained an improper personal benefit. The Registrant's certificate of incorporation, as amended, provides that no director shall be personally liable to the Registrant or its stockholders for monetary damages for any breach of fiduciary duty as a director, notwithstanding any provision of law imposing such liability, except to the extent that the DGCL prohibits the elimination or limitation of liability of directors for breaches of fiduciary duty.

Section 145 of the DGCL provides that a corporation has the power to indemnify a director, officer, employee or agent of the corporation and certain other persons serving at the request of the corporation in related capacities against expenses (including attorneys' fees), judgments, fines and amounts paid in settlements actually and reasonably incurred by the person in connection with an action, suit or proceeding to which he or she is or is threatened to be made a party by reason of such position, if such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, in any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful, except that, in the case of actions brought by or in the right of the corporation unless and only to the extent that the Court of Chancery or other adjudicating court determines that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnification for such expenses which the Court of Chancery or such other court shall deem proper.

The Registrant's certificate of incorporation, as amended, provides that it will indemnify each person who was or is a party or threatened to be made a party 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 the Registrant), by reason of the fact that he or she is or was, or has agreed to become, a director or officer of the Registrant, or is or was serving, or has agreed to serve, at the Registrant's request as a director, officer, partner, employee or trustee of, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise (all such persons being referred to as an Indemnitee), or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with such action, suit or proceeding and any appeal therefrom if such Indemnitee acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the Registrant's best interests, and, with respect to any criminal action or proceeding, he or she had no reasonable cause to believe his or her conduct was unlawful.

The Registrant's certificate of incorporation, as amended, also provides that the Registrant will indemnify any Indemnitee who was or is a party to an action or suit by or in the right of the Registrant to procure a judgment in the Registrant's favor by reason of the fact that the Indemnitee is or was, or has agreed to become, a director or officer of the Registrant, or is or was serving, or has agreed to serve, at the Registrant's request as a director, officer, partner, employee or trustee or, or in a similar capacity with, another corporation, partnership, joint venture, trust or other enterprise, or by reason of any action alleged to have been taken or omitted in such capacity, against all expenses (including attorneys' fees) and, to the extent permitted by law, amounts paid in settlement actually and reasonably incurred in connection with such action, suit or proceeding, and any appeal therefrom, if the Indemnitee acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the Registrant's best interests, except that no indemnification shall be made with respect to any claim, issue or matter as to which such person shall have been adjudged to be liable to the Registrant, unless a court determines that, despite such adjudication but in view of all of the circumstances, he or she is entitled to indemnification of such expenses. Notwithstanding the foregoing, to the extent that any Indemnitee has been successful, on the merits or otherwise, he or she will be indemnified by the Registrant against all expenses (including attorneys' fees) actually and reasonably incurred by him or her or on his or her behalf in connection therewith. If the Registrant does not assume the defense, expenses must be advanced to an Indemnitee under certain circumstances.

The Registrant has entered into indemnification agreements with its directors and executive officers. In general, these agreements provide that the Registrant will indemnify the director or executive officer to the fullest extent permitted by law for claims arising in his or her capacity as a director or officer of the Registrant or in connection with their service at the Registrant's request for another corporation or entity. The indemnification agreements also provide for procedures that will apply in the event that a director or executive officer makes a claim for indemnification and establish certain presumptions that are favorable to the director or executive officer.

The Registrant maintains a general liability insurance policy that covers certain liabilities of its directors and officers arising out of claims based on acts or omissions in their capacities as directors or officers.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit No.	Description
<u>3.1</u>	Restated Certificate of Incorporation of Eleven Biotherapeutics, Inc. Incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on February 18, 2014 (File No. 001-36296).
<u>3.2</u>	Certificate of Amendment of Certificate of Incorporation. Incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed on May 17, 2018 (File No. 001-36296).
<u>3.3</u>	Certificate of Amendment of Certificate of Incorporation. Incorporated by reference to Exhibit 3.3 to the Registrant's Quarterly Report on Form 10-Q filed on May 10, 2021 (File No. 001-36296).
<u>3.4</u>	Amendment to Amended and Restated By-laws. Incorporated by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed on May 17, 2018 (File No. 001-36296).
<u>4.1</u>	Specimen Stock Certificate evidencing the shares of common stock. Incorporated by reference to Exhibit 4.1 to the Registrant's Registration Statement on Form S-1/A filed on January 23, 2014 (Reg. No. 333-193131).
<u>4.2</u>	Form of Warrant issued to Silicon Valley Bank and Life Science Loans, LLC dated November 25, 2014. Incorporated by reference to Exhibit 10.23 to the Registrant's Registration Statement on Form S-1 filed on December 19, 2014 (Reg. No. 333-201176).

- 4.3 Form of Common Warrant. Incorporated by reference to Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on November 3, 2017 (File. No. 001-36296).
- 4.4
 Form of Warrant. Incorporated by reference to Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed on March 23, 2018 (File.

 No. 001-36296).
- 4.5 Form of 2017 Warrant Amendment Agreement. Incorporated by reference to Exhibit 4.2 to the Registrant's Current Report on Form 8-K filed on October 29, 2019 (File No. 001-36296).
- 4.6 Form of 2018 Warrant Amendment Agreement. Incorporated by reference to Exhibit 4.4 to the Registrant's Current Report on Form 8-K filed on October 29, 2019 (File No. 001-36296).
- 5.1* Opinion of Hogan Lovells US LLP.
- 10.1
 Form of Nonqualified Stock Option Inducement Award Agreement. Incorporated by reference to Exhibit 10.1 to the Registrant's Registration

 Statement on Form S-8 filed on March 15, 2021 (File No. 333-254264).
- 23.1* Consent of Independent Registered Public Accounting Firm, Ernst & Young LLP.
- 23.2* Consent of Hogan Lovells US LLP (included in Exhibit 5.1).
- 24.1* Power of Attorney (included on signature page).

<u>107*</u> <u>Filing Fee Table.</u>

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 the 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 the 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 the 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 Section 15(d) of the Exchange Act that are incorporated by reference in the 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 the 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, 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 city of Cambridge, Commonwealth of Massachusetts, on this 28th day of February, 2022.

SESEN BIO, INC.

By: /s/ Thomas R. Cannell, D.V.M. Name: Thomas R. Cannell, D.V.M. Title: President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Thomas R. Cannell, D.V.M. and Monica Forbes, and each of them, as his or her true and lawful attorney-in-fact and agent with full power of substitution, for him or her in any and all capacities, to sign any and all amendments to this registration statement on Form S-8 (including post-effective amendments), and to file the same, with all exhibits thereto and other documents in connection therewith, with the Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his or her substitute, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Thomas R. Cannell, D.V.M. Thomas R. Cannell, D.V.M.	President, Chief Executive Officer and Director (Principal Executive Officer)	February 28, 2022
/s/ Monica Forbes Monica Forbes	Chief Financial Officer (Principal Financial Officer)	February 28, 2022
/s/ Elly Ryu Elly Ryu	Corporate Controller (Principal Accounting Officer)	February 28, 2022
/s/ Jay S. Duker, M.D. Jay S. Duker, M.D.	Chair of the Board	February 28, 2022
/s/ Carrie L. Bourdow Carrie L. Bourdow	Director	February 28, 2022
/s/ Jason A. Keyes Jason A. Keyes	Director	February 28, 2022
/s/ Peter K. Honig, M.D. Peter K. Honig, M.D.	Director	February 28, 2022
/s/ Michael A.S. Jewett, M.D. Michael A.S. Jewett, M.D.	Director	February 28, 2022



Hogan Lovells US LLP 1735 Market Street, Floor 23 Philadelphia, PA 19103 T +1 267 675 4600 F +1 267 675 4601 www.hoganlovells.com

February 28, 2022

Board of Directors Sesen Bio, Inc. 245 First Street, Suite 1800 Cambridge, MA 02142

Ladies and Gentlemen:

We are acting as counsel to Sesen Bio, Inc., a Delaware corporation (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 1,406,000 shares of common stock, par value \$0.001 per share of the Company (the "**Shares**"), issuable upon the exercise of individual nonqualified stock option awards granted to employees of the Company as an inducement material to entry into 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, we have examined copies of such agreements, instruments and documents as we have deemed an appropriate basis on which to render the opinions hereinafter expressed. In our examination of the aforesaid documents, we have assumed the genuineness of all signatures, the legal capacity of all natural persons, the accuracy and completeness of all documents submitted to us, the authenticity of all original documents, and the conformity to authentic original documents of all documents submitted to us as copies (including pdfs). As to all matters of fact, we have relied on the representations and statements of fact made in the documents so reviewed, and we 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. We express no opinion herein as to any other statutes, rules or regulations.

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

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

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

Very truly yours,

/s/ Hogan Lovells US LLP HOGAN LOVELLS US LLP

Hogan Lovells US LLP is a limited liability partnership registered in the District of Columbia. "Hogan Lovells" is an international legal practice that includes Hogan Lovells US LLP and Hogan Lovells International LLP, with offices in: Alicante Amsterdam Baltimore Beijing Birmingham Boston Brussels Colorado Springs Denver Dubai Dusseldorf Frankfurt Hamburg Hanoi Ho Chi Minh City Hong Kong Houston Johannesburg London Los Angeles Luxembourg Madrid Mexico City Miami Milan Minneapolis Monterrey Moscow Munich New York Northern Virginia Paris Perth Philadelphia Rome San Francisco São Paulo Shanghai Silicon Valley Singapore Sydney Tokyo Warsaw Washington, D.C. Associated Offices: Budapest Jakarta Riyadh Shanghai FTZ Ulaanbaatar. Business Service Centers: Johannesburg Louisville. Legal Services Center: Berlin. For more information see www.hoganlovells.com

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Inducement Stock Option Awards of Sesen Bio, Inc. of our reports dated February 28, 2022, with respect to the consolidated financial statements of Sesen Bio, Inc. and the effectiveness of internal controls over financial reporting of Sesen Bio, Inc., included in its Annual Report (Form 10-K) for the year ended December 31, 2021, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Boston, Massachusetts February 28, 2022

Calculation of Filing Fee Tables

Form S-8

(Form Type)

Sesen Bio, Inc.

(Exact Name of Registrant as Specified in its Charter)

Table 1—Newly Registered Securities

		Fee	Amount	Proposed Maximum	Proposed Maximum Aggregate		
Security	Security Class	Calculation	Registered	Offering Price	Offering Price		Amount of
Туре	Title	Rule (3)	(1) (2)	Per Unit (3)	(3)	Fee Rate	Registration Fee
	Common Stock,						
	par value \$0.001						
Equity	per share	Other	1,406,000	\$ 1.84	\$ 2,591,693.00	.0000927	\$ 240.25
Total Offering Amounts					\$ 2,591,693.00		\$ 240.25
Total Fee Offsets							0
Net Fees Due							\$ 240.25

(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 of the Registrant issuable under the exercise of non-qualified stock option awards granted to employees of the Registrant between March 16, 2021 and January 24, 2022 as an inducement material to entry into employment with the Registrant in accordance with Nasdaq Listing Rule 5635(c)(4) (the "Inducement Option Awards").

(3) 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 Option Awards may be exercised.