UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8 REGISTRATION STATEMENT

Under THE SECURITIES ACT OF 1933

OCUGEN, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)

263 Great Valley Parkway Malvern, Pennsylvania (Address of Principal Executive Offices) 04-3522315 (I.R.S. Employer Identification No.)

> 19355 (Zip Code)

263 Great Valley Parkway Malvern, Pennsylvania 19355 (484) 328-4701 (Address, including zip code, of principal executive offices)

OCUGEN, INC. 2019 EQUITY INCENTIVE PLAN

(Full title of the plan)

Shankar Musunuri Chairman of the Board and Chief Executive Officer Ocugen, Inc. 263 Great Valley Parkway Malvern, Pennsylvania 19355 (484) 328-4701

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

Copies to:

Rachael M. Bushey, Esq. Jennifer L. Porter, Esq. Troutman Pepper Hamilton Sanders LLP 3000 Two Logan Square Philadelphia, Pennsylvania 19103 (215) 981-4331

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	Accelerated filer	
Non-accelerated filer		Smaller reporting company	
		Emerging growth company	

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 Exchange Act of 1934, as amended (the "Exchange Act").

EXPLANATORY NOTE

This Registration Statement on Form S-8 (the "Registration Statement") is being filed for the purpose of registering an additional 7,975,227 shares of common stock, par value \$0.01 per share ("Common Stock") of Ocugen, Inc. (the "Registrant"), issuable pursuant to the Ocugen, Inc. 2019 Equity Incentive Plan (the "2019 Plan"). These additional shares of Common Stock have become reserved for issuance as a result of the operation of the "evergreen" provision in the 2019 Plan, which provides that the total number of shares subject to the 2019 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 of Directors of the Registrant. Upon the effectiveness of this Registration Statement, an aggregate of 19,502,336 shares of Common Stock will be registered for issuance from time to time under the 2019 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 March 22, 2021 (File No. 333-254549) and March 27, 2020 (File No. 333-237454), respectively, 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.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents of the Registrant, filed or to be 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 year ended December 31, 2021, filed with the Commission on February 28, 2022, which contains the Registrant's audited financial statements for the latest fiscal year for which such statements have been filed (the "2021 Form 10-K");
- (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 related to such items) filed with the Commission on January 6, 2022, January 10, 2022, January 12, 2022, January 28, 2022, February 2, 2022, February 14, 2022, February 22, 2022 (both filings) and February 25, 2022; and
- (c) the description of the Registrant's Common Stock contained in its registration statement on Form 8-A filed with the Commission on November 18, 2014 (File No. 001-36751), together with any amendments or reports filed for the purposes of updating this description, including Exhibit 4.1 to the 2021 Form 10-K.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a posteffective 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 into this Registration Statement and to be a part hereof from the date of filing of such documents; provided, however, that documents or information deemed to have been furnished and not filed in accordance with Commission rules shall not be deemed incorporated by reference into this Registration Statement. Any statement contained herein or in a document, all or a portion of which is incorporated or deemed to be incorporated by reference herein, shall be deemed to be modified or superseded for purposes of this Registration Statement 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 amended, to constitute a part of this Registration Statement.

Item 8. Exhibits.

The following documents are filed as exhibits to this Registration Statement:

Exhibit Number	Description of Exhibit					
<u>4.1</u>	Sixth Amended and Restated Certificate of Incorporation of Ocugen, Inc. (incorporated herein by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-36751) filed on December 8, 2014).					
<u>4.2</u>	<u>Amendment to Sixth Amended and Restated Certificate of Incorporation of Ocugen, Inc., dated September 27, 2019 (incorporated herein by</u> reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-36751) filed on October 1, 2019).					
<u>4.3</u>	Amendment to Sixth Amended and Restated Certificate of Incorporation of Ocugen, Inc., dated September 27, 2019 (incorporated herein by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K (File No. 001-36751) filed on October 1, 2019).					
<u>4.4</u>	Amendment to Sixth Amended and Restated Certificate of Incorporation of Ocugen, Inc., dated April 14, 2021 (incorporated herein by reference to Exhibit 3.1 to the Registrant's Quarterly Report on Form 10-Q (File No. 001-36751) filed on May 7, 2021).					
<u>4.5</u>	<u>Amended and Restated Bylaws of Ocugen, Inc. (incorporated herein by reference to Exhibit 3.3 to the Registrant's Current Report on</u> Form 8-K (File No. 001-36751) filed on October 1, 2019.					
<u>5.1*</u>	Opinion of Troutman Pepper Hamilton Sanders LLP as to the legality of the securities being registered.					
<u>23.1*</u>	Consent of Ernst & Young LLP, independent registered public accounting firm for Ocugen, Inc.					
<u>23.2*</u>	Consent of Troutman Pepper Hamilton Sanders LLP (included in Exhibit 5.1).					
<u>24.1*</u>	Powers of Attorney (included on the signature page of the Registration Statement).					
<u>99.1</u>	Ocugen, Inc. 2019 Equity Incentive Plan (filed as Appendix A to the Registrant's Proxy Statement on Schedule 14A as filed on November 8, 2019, and incorporated herein by reference).					
<u>99.2</u>	Form of Incentive Stock Option Agreement under Ocugen, Inc. 2019 Equity Incentive Plan (filed as exhibit 10.29 to the Registrant's Form 10-K as filed on March 27, 2020, and incorporated herein by reference).					
<u>99.3</u>	Form of Nonstatutory Stock Option Agreement under Ocugen, Inc. 2019 Equity Incentive Plan (filed as exhibit 10.30 to the Registrant's Form 10-K as filed on March 27, 2020, and incorporated herein by reference).					
<u>99.4</u>	Form of Restricted Stock Unit Grant Notice and Restricted Stock Unit Agreement under Ocugen, Inc. 2019 Equity Incentive Plan (filed as exhibit 10.7 to the Registrant's Form 10-K as filed on March 19, 2021, and incorporated herein by reference).					
<u>99.5</u>	Form of Performance-Vested Stock Option Agreement under Ocugen, Inc. 2019 Equity Incentive Plan (filed as exhibit 10.2 to the Registrant's Form 10-Q as filed on May 7, 2021, and incorporated herein by reference).					
<u>107*</u>	<u>Filing Fee Table.</u>					

*Filed Herewith

SIGNATURES

Pursuant to the requirements of the Securities Act, 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 Malvern, Commonwealth of Pennsylvania, on this 28th day of February, 2022.

OCUGEN, INC.

By: /s/ Shankar Musunuri

Shankar Musunuri

Chairman of the Board and Chief Executive Officer

POWER OF ATTORNEY

We, the undersigned officers and directors of Ocugen, Inc., hereby severally constitute and appoint Shankar Musunuri and Sanjay Subramanian, our true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution in her or him for her or him and in her or his name, place and stead, and in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as full to all intents and purposes as she or he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or her or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities indicated on February 28, 2022.

Signature	Title		
/s/ Shankar Musunuri	Chairman, Chief Executive Officer and Director		
Shankar Musunuri	(Principal Executive Officer)		
/s/ Sanjay Subramanian Sanjay Subramanian	Chief Financial Officer and Head of Corporate Development (Principal Financial and Principal Accounting Officer)		
/s/ Kirsten Castillo Kirsten Castillo	Director		
/s/ Prabhavathi Fernandes Prabhavathi Fernandes	Director		
/s/ Uday B. Kompella Uday B. Kompella	Director		
/s/ Ramesh Kumar Ramesh Kumar	Director		
/s/ Manish Potti Manish Potti	Director		
/s/ Junge Zhang Junge Zhang	Director		

troutman.com



February 28, 2022

Board of Directors Ocugen, Inc. 263 Great Valley Parkway Malvern, Pennsylvania 19355

Ladies and Gentlemen:

Reference is made to the registration statement on Form S-8 (the "**Registration Statement**") of Ocugen, Inc., a Delaware corporation (the "**Company**"), filed on the date hereof with the Securities and Exchange Commission (the "**Commission**") under the Securities Act of 1933, as amended (the "**Securities Act**"). The Registration Statement covers an aggregate of 7,975,227 shares (the "**Shares**") of the Company's Common Stock, par value \$0.01 per share (the "**Common Stock**"), issuable under the Company's 2019 Equity Incentive Plan (the "**2019 Plan**"). You have requested that we render the opinion set forth in this letter and we are furnishing this opinion to you pursuant to the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act, in connection with the filing of the Registration Statement. No opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or the related prospectuses, other than as expressly stated herein with respect to the issuance of the Shares.

For purposes of this opinion letter, we have examined the Registration Statement, including the exhibits thereto, the originals or copies, certified or otherwise identified to our satisfaction, of the Sixth Amended and Restated Articles of Incorporation, as amended, and the Amended and Restated Bylaws of the Company, the 2019 Plan and 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 telecopies). We have also assumed that the Shares, when issued, will not exceed the maximum authorized number of shares of Common Stock under the Company's Sixth Amended and Restated Certificate of Incorporation, as amended from time to time, minus that number of shares of Common Stock that may have been issued and are outstanding, or are reserved for issuance for other purposes, at such time. 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.



Ocugen, Inc. February 28, 2022 Page 2

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, when the Shares shall have been duly registered on the books of the transfer agent and registrar therefor in the name or on behalf of the purchasers and have been issued and sold by the Company in the circumstances contemplated by the 2019 Plan, assuming in each case that the individual issuances, grants or awards under the 2019 Plan are duly authorized by all necessary corporate action and duly issued, granted or awarded and exercised in accordance with the requirements of law and the 2019 Plan (and the agreements and awards duly adopted thereunder and in accordance therewith), the Shares will be legally and validly issued, fully paid and nonassessable.

We are opining herein as to the General Corporation Law of the State of Delaware, and we express no opinion with respect to the applicability thereto, or the effect thereon, of the laws of any other jurisdiction or any other laws, or as to any matters of municipal law or the laws of any local agencies within any state, and the federal laws of the United States of America.

This opinion letter is given as of the date hereof, and we assume no obligation to supplement this opinion if any applicable law changes after the date hereof or if we become aware of any facts or circumstances that may change the opinions expressed herein after the date hereof. This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Securities Act.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In rendering this opinion and giving this consent, we do not admit that we are an "expert" within the meaning of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ TROUTMAN PEPPER HAMILTON SANDERS LLP

TROUTMAN PEPPER HAMILTON SANDERS LLP

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Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Ocugen, Inc. 2019 Equity Incentive Plan of our reports dated February 28, 2022, with respect to the consolidated financial statements of Ocugen, Inc., and the effectiveness of internal control over financial reporting of Ocugen, 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

Philadelphia, Pennsylvania February 28, 2022

Calculation of Filing Fee Tables

Form S-8

(Form Type)

Ocugen, Inc.

(Exact Name of Registrant as Specified in its Charter)

Secu Tyj	5	Fee Calculation Rule	Amount Registered(1)	Proposed Maximum Offering Price Per Share	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Equ	Total Offering Amounts	457(h)	7,975,227(2)	\$ 4.13(3)	\$ 32,937,687.51(3) \$ 32,937,687.51	0.0000927	\$ <u>3,053.32</u> \$ <u>3,053.32</u>
	Total Fee Offsets Net Fee Due						⁰ \$ 3,053.32

(1) Pursuant to Rule 416 of the Securities Act of 1933, as amended (the "<u>Securities Act</u>"), this Registration Statement on Form S-8 shall also cover any additional shares of common stock, par value \$0.01 per share ("<u>Common Stock</u>"), of Ocugen, Inc. (the "<u>Company</u>"), which become issuable under the above-named plan by reason of any future stock dividend, stock split, recapitalization or other similar transaction or to cover such additional shares as may hereinafter be offered or issued to prevent dilution resulting from stock splits, stock dividends, recapitalizations or certain other capital adjustments, effected without the receipt of consideration by the Company, which results in an increase in the number of the outstanding shares of Common Stock.

(2) Represents 7,975,227 shares of Common Stock of the Company that were added to the shares authorized for issuance under the Ocugen, Inc. 2019 Plan (the "2019 Plan") on January 1, 2022, pursuant to an "evergreen" provision contained in the 2019 Plan. Pursuant to such provision in the 2019 Plan, as of the first business day of each fiscal year, the aggregate number of shares of Common Stock that may be issued under the 2019 Plan shall automatically increase by a number equal to the lesser of (x) 4.0% of the total number of shares of Common Stock outstanding on December 31 of the immediately preceding calendar year, or (y) such lesser number of shares of Common Stock determined by the Company's Board of Directors.

(3) Estimated pursuant to 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 Company's common stock as reported on The Nasdaq Capital Market on February 22, 2022.