| HISTOGENICS CORP Form SC 13G February 17, 2015 |
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| SECURITIES AND EXCHANGE COMMISSION |
| Washington, D.C. 20549 |
| Schedule 13G |
| INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b) |
| (Amendment No)* |
| Histogenics Corporation |
| (Name of Issuer) |
| Common Stock |
| (Title of Class of Securities) |
| 43358V109 |
| (CUSIP Number) |
| December 2, 2014 (Date of Event Which Requires Filing of this Statement) |
| (Dute of Drent Trinon requires I ming of this outement) |
| Check the appropriate box to designate the rule pursuant to which this Schedule is filed: |

| | Rule 13d-1(b) |
|---|---------------|
| X | Rule 13d-1(c) |
| | Rule 13d-1(d) |

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 12 Pages

Exhibit Index Contained on Page 11

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

CUSIP NO. 43358V109 13 G Page 2 of 12

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (Entities Only). Sofinnova Venture Partners VIII, L.P. ("SVP VIII") CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) " (b) x SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Delaware

NUMBER OF

SHARES

SOLE VOTING POWER

BENEFICIALLY

OWNED BY EACH ⁵ 2,077,040 shares, except that Sofinnova Management VIII, L.L.C. ("SM VIII"), the general partner of SVP VIII, may be deemed to have sole voting power, and Dr. Michael F. Powell ("Powell"), Dr. James I. Healy ("Healy"), Dr. Anand Mehra ("Mehra") and Dr. Srinivas Akkaraju ("Akkaraju"), the managing members of SM VIII, may be deemed to have shared power to vote these shares.

REPORTING

PERSON

WITH

SHARED VOTING POWER

6

See response to row 5.

SOLE DISPOSITIVE POWER

72,077,040 shares, except that SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power and Powell, Healy, Mehra and Akkaraju, the managing members of SM VIII, may be deemed to have shared power to dispose of these shares.

SHARED DISPOSITIVE POWER

8

See response to row 7.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,077,040 shares

| 10 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions) | |
|----|---|-------|
| _ | (See Instructions) | |
| 11 | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | 16.3% |
| 12 | TYPE OF REPORTING PERSON (See Instructions) | PN |

CUSIP NO. 43358V109 13 G Page 3 of 12

NAME OF REPORTING PERSONS

1I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (Entities Only).

Sofinnova Management VIII, L.L.C. ("SM VIII")
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) " (b) x

SEC USE ONLY
CITIZENSHIP OR PLACE OF ORGANIZATION

4

NUMBER OF

Delaware

SHARES

SOLE VOTING POWER

BENEFICIALLY

52,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole voting power, and Powell, Healy, Mehra and Akkaraju, the managing members of SM VIII, may be deemed to have shared power to vote these shares.

EACH REPORTING

OWNED BY

PERSON

WITH

SHARED VOTING POWER

6

See response to row 5.

SOLE DISPOSITIVE POWER

7^{2,077,040} shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power, and Powell, Healy, Mehra and Akkaraju, the managing members of SM VIII, may be deemed to have shared dispositive power over these shares.

SHARED DISPOSITIVE POWER

8

See response to row 7.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,077,040 shares

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

| 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | 16.3% |
|--|-------|
| TYPE OF REPORTING PERSON (See Instructions) | |
| 12 | OO |

CUSIP NO. 43358V109 13 G Page 4 of 12

NAME OF REPORTING

1SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Michael F. Powell ("Powell")

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

(a) " (b) x

3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4

U.S. Citizen

SOLE VOTING POWER

NUMBER OF 5

0 shares.

SHARES

BENEFICIALLY

SHARED VOTING POWER

OWNED BY EACH

REPORTING

62,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole voting power, and Powell, a managing member of SM VIII, may be deemed to have shared voting power to vote these shares.

PERSON

WITH

SOLE DISPOSITIVE POWER

7

0 shares.

SHARED DISPOSITIVE POWER

82,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power, and Powell, a managing member of SM VIII, may be deemed to have shared power to dispose of these shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,077,040 shares 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES "
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 16.3% IN

CUSIP NO. 43358V109 13 G Page 5 of 12

NAME OF REPORTING

1SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Dr. James I. Healy ("Healy")
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) " (b) x

3 SEC USE ONLY
CITIZENSHIP OR PLACE OF ORGANIZATION

4
U.S. Citizen

SOLE VOTING POWER

NUMBER OF 5

0 shares.

SHARES

BENEFICIALLY

SHARED VOTING POWER

OWNED BY EACH

REPORTING

62,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole voting power, and Healy, a managing member of SM VIII, may be deemed to have shared voting power to vote these shares.

PERSON

WITH

SOLE DISPOSITIVE POWER

7

0 shares.

SHARED DISPOSITIVE POWER

82,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power, and Healy, a managing member of SM VIII, may be deemed to have shared power to dispose of these shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,077,040 shares 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES "
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 16.3% IN

CUSIP NO. 43358V109 13 G Page 6 of 12

NAME OF REPORTING

1SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Dr. Srinivas Akkaraju ("Akkaraju")
CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) " (b) x

3 SEC USE ONLY
CITIZENSHIP OR PLACE OF ORGANIZATION

4
U.S. Citizen

SOLE VOTING POWER

NUMBER OF 5

0 shares.

SHARES

BENEFICIALLY

SHARED VOTING POWER

OWNED BY

EACH REPORTING 62,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole voting power, and Akkaraju, a managing member of SM VIII, may be deemed to have shared voting power to vote these shares.

PERSON

WITH

SOLE DISPOSITIVE POWER

7

0 shares.

SHARED DISPOSITIVE POWER

82,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power, and Akkaraju, a managing member of SM VIII, may be deemed to have shared power to dispose of these shares.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,077,040 shares 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES "
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 16.3% IN

CUSIP NO. 43358V109 13 G Page 7 of 12

NAME OF REPORTING

1SS OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Dr. Anand Mehra ("Mehra")

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

(a) " (b) x

3 SEC USE ONLY

CITIZENSHIP OR PLACE OF ORGANIZATION

4

U.S. Citizen

SOLE VOTING POWER

NUMBER OF 5

0 shares.

SHARES

BENEFICIALLY

SHARED VOTING POWER

OWNED BY EACH

REPORTING

62,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole voting power, and Mehra, a managing member of SM VIII, may be deemed to have shared voting power to vote these shares.

PERSON

WITH

SOLE DISPOSITIVE POWER

7

0 shares.

SHARED DISPOSITIVE POWER

82,077,040 shares, all of which are owned directly by SVP VIII. SM VIII, the general partner of SVP VIII, may be deemed to have sole dispositive power, and Mehra, a managing member of SM VIII, may be deemed to have shared power to dispose of these shares.

| 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | 2,077,040 shares. |
|--|-------------------|
| CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES | |
| SHARES | |
| 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 | 16.3% |
| 12TYPE OF REPORTING PERSON | IN |

| CUSIP NO. 43358V109 13 G Page 8 of 12 |
|---|
| ITEM 1(A). NAME OF ISSUER |
| Histogenics Corporation |
| ITEM 1(B). <u>ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES</u> |
| 830 Winter Street, 3rd Floor |
| Waltham, Massachusetts 02451 |
| ITEM 2(A). NAME OF PERSONS FILING This Statement is filed by Sofinnova Venture Partners VIII, L.P. ("SVP VIII"), Sofinnova Management VIII, L.L.C. ("SM VIII"), Dr. Michael F. Powell ("Powell"), Dr. James I. Healy ("Healy"), Dr. Srinivas Akkaraju ("Akkaraju") and Dr. Anand Mehra ("Mehra"). The foregoing entities and individuals are collectively referred to as the "Reporting Persons." SM VIII, the general partner of SVP VIII, may be deemed to have sole power to vote and sole power to dispose of shares of the Issuer directly owned by SVP VIII. Powell, Healy, Akkaraju and Mehra are the managing members of SM VIII and may be deemed to have shared power to vote and shared power to dispose of shares of the Issuer directly owned by SVP VIII. |
| ITEM 2(B). <u>ADDRESS OF PRINCIPAL BUSINESS OFFICE</u> |
| The address for each of the Reporting Persons is: |
| Sofinnova Ventures |
| 3000 Sand Hill Road, Bldg. 4, Suite 250 |
| Menlo Park, CA 94025 |

| ITEM 2(C) <u>CITIZENSHIP</u> |
|------------------------------|
|------------------------------|

See Row 11 of cover page for each Reporting Person.

| VP VIII is a Delaware limited partnership. SM VIII is a Delaware limited liability company. Powell, Healy, kkaraju and Mehra are United States citizens. |
|--|
| EM 2(D) AND (E). TITLE OF CLASS OF SECURITIES AND CUSIP NUMBER |
| ommon Stock |
| USIP # 43358V109 |
| EM 3. Not Applicable. |
| EM 4. <u>OWNERSHIP</u> |
| ovide the following information regarding the aggregate number and percentage of the class of securities of the suer identified in Item 1. |
| (a) <u>Amount beneficially owned</u> : |
| ee Row 9 of cover page for each Reporting Person. |
| (b) <u>Percent of Class</u> : |

| CUSIP NO. 43358V109 13 G Page 9 of 12 | 2 | |
|--|--|--|
| (c) | Number of shares as to which such person has: | |
| (i) | Sole power to vote or to direct the vote: | |
| See Row 5 of cover page for each Reporting Person. | | |
| (ii) | Shared power to vote or to direct the vote: | |
| See Row 6 of cover page for each Reportin | ag Person. | |
| (iii) | Sole power to dispose or to direct the disposition of: | |
| See Row 7 of cover page for each Reportin | ng Person. | |
| (iv) S | Shared power to dispose or to direct the disposition of: | |
| See Row 8 of cover page for each Reporting Person. | | |
| ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS | | |
| Not applicable. | | |
| ITEM 6. OWNERSHIP OF MORE THAN | FIVE PERCENT ON BEHALF OF ANOTHER PERSON. | |

Under certain circumstances set forth in the limited partnership agreement of SVP VIII and the limited liability company agreement of SM VIII, the general and limited partners or members, as the case may be, of each of such entities may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the

Issuer owned by each such entity of which they are a partner or member, as the case may be.

13

ITEM <u>IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE</u> 7. SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

| Not applicable. |
|--|
| ITEM 8. <u>IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP</u> . |
| Not applicable. |
| ITEM 9. <u>NOTICE OF DISSOLUTION OF GROUP</u> . |
| Not applicable. |
| ITEM 10. <u>CERTIFICATION</u> . |
| By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the Issuer of |

of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

CUSIP NO. 43358V109 13 G Page 10 of 12

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2015

Sofinnova Venture Partners VIII, L.P. /s/ Nathalie Auber

By Sofinnova Management VIII, L.L.C. Nathalie Auber, Attorney-in-Fact*

Its General Partner

Sofinnova Management VIII, L.L.C. /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Michael F. Powell /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

James I. Healy /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Srinivas Akkaraju /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Anand Mehra /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

^{*}Signed pursuant to a Power of Attorney already on file with the appropriate agencies.

CUSIP NO. 43358V109 13 G Page 11 of 12

EXHIBIT INDEX

Found on Sequentially

Exhibit Numbered Page

Exhibit A: Agreement of Joint Filing 12

CUSIP NO. 43358V109 13 G Page 12 of 12

exhibit A

Agreement of Joint Filing

The undersigned hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of Histogenics Corporation shall be filed on behalf of each of the undersigned and that this Agreement shall be filed as an exhibit to such Schedule 13G.

Date: February 11, 2015

Sofinnova Venture Partners VIII, L.P. /s/ Nathalie Auber

By Sofinnova Management VIII, L.L.C. Nathalie Auber, Attorney-in-Fact*

Its General Partner

Sofinnova Management VIII, L.L.C. /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Michael F. Powell /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

James I. Healy /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Srinivas Akkaraju /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

Anand Mehra /s/ Nathalie Auber

Nathalie Auber, Attorney-in-Fact*

^{*}Signed pursuant to a Power of Attorney already on file with the appropriate agencies.