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# SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

**SCHEDULE 13D**  
(RULE 13d-101)

**INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULE 13d-1(a)  
AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(a)**

(Amendment No. \_\_\_)\*

**Entasis Therapeutics Holdings Inc.**

(Name of Issuer)

Common Stock, \$0.001 par value  
(Title of Class of Securities)

293614103  
(CUSIP Number)

Nathalie Auber  
Sofinnova Ventures, Inc.  
3000 Sand Hill Road, Bldg 4, Suite 250  
Menlo Park, CA 94025  
(650) 681-8420

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

**COPY TO:**

Jonathan Goodwin, Esq.  
c/o Gunderson Dettmer Stough Villeneuve Franklin & Hachigian, LLP  
550 Allerton Street, Redwood City, CA 94063  
(650) 321-2400

September 28, 2018  
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 240.13d-7 for other parties to whom copies are to be sent.

\*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.

This 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).

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1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Sofinnova Venture Partners IX, L.P. ("SVP IX")	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <span style="float: right;">(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/></span>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) <span style="float: right;"><input type="checkbox"/></span>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,180,178 shares, except that Sofinnova Management IX, L.L.C. ("SM IX"), the general partner of SVP IX, may be deemed to have sole voting power, and Dr. Michael F. Powell ("Powell"), Dr. James I. Healy ("Healy"), and Dr. Anand Mehra ("Mehra"), the managing members of SM IX, may be deemed to have shared power to vote these shares.
	8	SHARED VOTING POWER See response to row 7.
	9	SOLE DISPOSITIVE POWER 1,180,178 shares, except that SM IX, the general partner of SVP IX, may be deemed to have sole dispositive power and Powell, Healy, and Mehra, the managing members of SM IX, may be deemed to have shared power to dispose of these shares.
	10	SHARED DISPOSITIVE POWER See response to row 9.
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <span style="float: right;">1,180,178</span>	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES <span style="float: right;"><input type="checkbox"/></span>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11 <span style="float: right;">9.0%</span>	
14	TYPE OF REPORTING PERSON <span style="float: right;">PN</span>	

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Sofinnova Management IX, L.L.C. ("SM IX")	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole voting power, and Powell, Healy, and Mehra, the managing members of SM IX, may be deemed to have shared power to vote these shares.
	8	SHARED VOTING POWER See response to row 7.
	9	SOLE DISPOSITIVE POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole dispositive power, and Powell, Healy, and Mehra, the managing members of SM IX, may be deemed to have shared dispositive power over these shares.
	10	SHARED DISPOSITIVE POWER See response to row 9.
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	1,180,178
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11	9.0%
14	TYPE OF REPORTING PERSON	OO

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Dr. Michael F. Powell ("Powell")	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER -0-
	8	SHARED VOTING POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole voting power, and Powell, a managing member of SM IX, may be deemed to have shared voting power to vote these shares.
	9	SOLE DISPOSITIVE POWER -0-
	10	SHARED DISPOSITIVE POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole dispositive power, and Powell, a managing member of SM IX, may be deemed to have shared power to dispose of these shares.
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	1,180,178
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11	9.0%
14	TYPE OF REPORTING PERSON IN	

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Dr. James I. Healy ("Healy")		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	SOURCE OF FUNDS AF		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER -0-	
	8	SHARED VOTING POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole voting power, and Healy, a managing member of SM IX, may be deemed to have shared voting power to vote these shares.	
	9	SOLE DISPOSITIVE POWER -0-	
	10	SHARED DISPOSITIVE POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole dispositive power, and Healy, a managing member of SM IX, may be deemed to have shared power to dispose of these shares.	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	1,180,178	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11	9.0%	
14	TYPE OF REPORTING PERSON		IN

1	NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY) Dr. Anand Mehra ("Mehra")	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS AF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION U.S. Citizen	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER -0-
	8	SHARED VOTING POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole voting power, and Mehra, a managing member of SM IX, may be deemed to have shared voting power to vote these shares.
	9	SOLE DISPOSITIVE POWER -0-
	10	SHARED DISPOSITIVE POWER 1,180,178 shares, all of which are owned directly by SVP IX. SM IX, the general partner of SVP IX, may be deemed to have sole dispositive power, and Mehra, a managing member of SM IX, may be deemed to have shared power to dispose of these shares.
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	1,180,178
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 11 EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 11	9.0%
14	TYPE OF REPORTING PERSON	IN

**Statement on Schedule 13D**

This Statement on Schedule 13D (“Schedule 13D”) relates to the beneficial ownership of Common Stock, \$0.001 par value per share (“Common Stock”) of Entasis Therapeutics Holdings Inc., a Delaware corporation (“Issuer”) and is being filed to reflect the acquisition of Common Stock by Sofinnova Venture Partners IX, L.P., a Delaware limited partnership (“SVP IX”), Sofinnova Management IX, L.L.C., a Delaware limited liability company (“SM IX”), Dr. Michael F. Powell (“Powell”), Dr. James I. Healy (“Healy”), and Dr. Anand Mehra (“Mehra” and collectively with SVP IX, SM IX, Powell, and Healy, the “Reporting Persons”).

**ITEM 1. SECURITY AND ISSUER.**

- (a) The class of equity securities to which this statement relates is the Common Stock of the Issuer.
- (b) The Issuer’s principal executive offices are located at 35 Gatehouse Drive, Waltham, MA 02451.

**ITEM 2. IDENTITY AND BACKGROUND.**

- (a) The persons and entities filing this Schedule 13D are SVP IX, SM IX, Powell, Healy, and Mehra. SM IX, the general partner of SVP IX, may be deemed to have sole power to vote and sole power to dispose of shares of the Issuer directly owned by SVP IX.
- (b) The address of the principal place of business for each of the Reporting Persons is c/o Sofinnova Ventures, 3000 Sand Hill Road, Bldg 4, Suite 250, Menlo Park, California 94025.
- (c) The principal occupation of each of the Reporting Persons is the venture capital investment business. The principal business of SVP IX is to make investments in private and public companies, and the principal business of SM IX is to serve as the general partner of SVP IX. Powell, Healy and Mehra are the managing members of SM IX.
- (d) During the last five years, none of the Reporting Persons has been convicted in any criminal proceeding (excluding traffic violations or similar misdemeanors).
- (e) During the last five years, none of the Reporting Persons has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.
- (f) SVP IX is a Delaware limited partnership. SM IX is a Delaware limited liability company. Powell, Healy, and Mehra are U.S. citizens.

**ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION.**

SVP IX purchased an aggregate 16,949,153 shares of Series B-1 convertible preferred stock from the Issuer at a purchase price of \$0.59 per share in two closings that occurred in August 2017 and December 2017, or \$10,000,000 in the aggregate.

In connection with the closing of the Issuer’s initial public offering of Common Stock (the “Offering”), SVP IX’s Series B-1 convertible preferred stock automatically converted on a 20.728-for-one basis into 842,454 shares of Common Stock (which includes an aggregate of 24,762 shares of Common Stock received upon the conversion of the Issuer’s preferred stock as payment of the accrued dividends through September 27, 2018).

In connection with the Offering, SVP IX purchased 337,724 shares of Common Stock at \$15.00 per share, or \$5,065,860 in the aggregate. Such purchase occurred pursuant to and on the terms set forth in the Issuer’s Prospectus filed pursuant to Rule 424(b)(4) on September 26, 2018 with the Securities and Exchange Commission (the “Prospectus”).

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Unless noted above, the source of the funds for all purchases and acquisitions by the Reporting Persons was from working capital. Certain purchases by SVP IX were made using its working capital funded partially through a line of credit with Silicon Valley Bank in the normal course of business and then paid down from the proceeds from investor capital calls.

Unless noted above, no part of the purchase price was borrowed by any Reporting Person for the purpose of acquiring any securities discussed in this Item 3.

**ITEM 4. PURPOSE OF TRANSACTION.**

The Reporting Persons hold their securities of the Issuer for investment purposes. Depending on the factors discussed herein, the Reporting Persons may, from time to time, acquire additional Common Stock and/or retain and/or sell all or a portion of the Common Stock held by the Reporting Persons in the open market or in privately negotiated transactions, and/or may distribute the Common Stock held by the Reporting Persons to their respective members or limited partners. Any actions the Reporting Persons might undertake will be dependent upon the Reporting Persons' review of numerous factors, including, among other things, the price levels of the Common Stock, general market and economic conditions, ongoing evaluation of the Issuer's business, financial condition, operations and prospects; the relative attractiveness of alternative business and investment opportunities, and other future developments. Except as set forth above, the Reporting Persons have no present plans or intentions which would result in or relate to any of the transactions described in subparagraphs (a) through (j) of Item 4 of Schedule 13D.

**ITEM 5. INTEREST IN SECURITIES OF THE ISSUER.**

(a,b) Regarding aggregate beneficial ownership, see Row 11 of the cover page of each Reporting Person. Regarding percentage beneficial ownership, see Row 13 of the cover page of each Reporting Person. Regarding sole power to vote shares, see Row 7 of the cover page of each Reporting Person. Regarding shared power to vote shares, see Row 8 of the cover page of each Reporting Person. Regarding sole power to dispose of shares, see Row 9 of the cover page of each Reporting Person. Regarding shared power to dispose of shares, see Row 10 of the cover page of each Reporting Person. The percentage listed in Row 13 for each Reporting Person was calculated based upon 13,074,286 shares of Common Stock outstanding immediately after the Offering.

(c) Except as set forth in Item 3 above, the Reporting Persons have not effected any transaction in the securities of the Issuer during the past 60 days.

(d) Under certain circumstances set forth in the limited partnership agreement of SVP IX, the general partner and limited partners of SVP IX may be deemed to have the right to receive dividends from, or the proceeds from, the sale of shares of the Issuer owned by such entity of which they are a partner.

(e) Not applicable.

**ITEM 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER.**

SVP IX is a party to Registration Rights Agreement among the Issuer, SVP IX and other shareholders. Subject to the terms of such Registration Rights Agreement, SVP IX can demand that the Issuer file a registration statement or request that its Common Stock be covered by a registration statement that the Issuer is otherwise filing under certain specified circumstances. Such Registration Rights Agreement dated as of September 14, 2018 is more fully described in the Prospectus and was filed as Exhibit 4.2 to the Issuer's Form S-1 Registration Statement (File No. File No. 333-226920), and such description is incorporated herein by reference.

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In connection with the Offering, SVP IX and certain other the holders of shares of Common Stock have entered into Lock-Up Agreements with the Issuer's underwriters or otherwise agreed, subject to certain exceptions, that they will not, directly or indirectly, offer, sell, contract to sell, pledge, grant any option to purchase, make any short sale, or otherwise dispose of or hedge any of shares of Common Stock, any options or warrants to purchase shares of Common Stock, or any securities convertible into, or exchangeable for or that represent the right to receive shares of Common Stock, without the prior written consent of the representatives of the Issuer's underwriters for a period of 180 days from the date of the Prospectus. Such Lock-Up Agreement is more fully described in the Prospectus and was filed as Exhibit C of Exhibit 1.1 to the Issuer's Form S-1 Registration Statement (File No. 333-226920), and such description is incorporated herein by reference.

**ITEM 7. MATERIAL TO BE FILED AS EXHIBITS.**

EXHIBIT A	Agreement of Joint Filing
EXHIBIT B	Power of Attorney
EXHIBIT C	Registration Rights Agreement described in Item 6, filed as Exhibit 4.2 to the Issuer's Form S-1 Registration Statement (File No. 333-226920) is incorporated herein by reference.
EXHIBIT D	Form of Lock-Up Agreement described in Item 6, filed as Exhibit C of Exhibit 1.1 to the Issuer's Form S-1 Registration Statement (File No. 333-226920) is incorporated herein by reference.

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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: October 9, 2018

SOFINNOVA VENTURE PARTNERS IX, L.P.,  
a Delaware Limited Partnership

By: SOFINNOVA MANAGEMENT IX, L.L.C.,  
a Delaware Limited Liability Company  
Its: General Partner

By: /s/ Nathalie Auber  
Nathalie Auber  
Attorney-in-Fact

SOFINNOVA MANAGEMENT IX, L.L.C.,  
a Delaware Limited Liability Company

By: /s/ Nathalie Auber  
Nathalie Auber  
Attorney-in-Fact

DR. JAMES I. HEALY  
DR. MICHAEL F. POWELL  
DR. ANAND MEHRA

By: /s/ Nathalie Auber  
Nathalie Auber  
Attorney-in-Fact

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EXHIBIT INDEX

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<u>Exhibit</u>	<u>Description</u>
A	Agreement of Joint Filing
B	Power of Attorney
C	Registration Rights Agreement described in Item 6, filed as Exhibit 4.2 to the Issuer's Form S-1 Registration Statement (File No. 333-226920) is incorporated herein by reference.
D	Form of Lock-Up Agreement described in Item 6, filed as Exhibit C of Exhibit 1.1 to the Issuer's Form S-1 Registration Statement (File No. 333-226920) is incorporated herein by reference.

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EXHIBIT A

Agreement of Joint Filing

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

Date: October 9, 2018

SOFINNOVA VENTURE PARTNERS IX, L.P.,  
a Delaware Limited Partnership

By: SOFINNOVA MANAGEMENT IX, L.L.C.,  
a Delaware Limited Liability Company  
Its: General Partner

By: /s/ Nathalie Auber  
\_\_\_\_\_  
Nathalie Auber  
Attorney-in-Fact

SOFINNOVA MANAGEMENT IX, L.L.C.,  
a Delaware Limited Liability Company

By: /s/ Nathalie Auber  
\_\_\_\_\_  
Nathalie Auber  
Attorney-in-Fact

DR. JAMES I. HEALY  
DR. MICHAEL F. POWELL  
DR. ANAND MEHRA

By: /s/ Nathalie Auber  
\_\_\_\_\_  
Nathalie Auber  
Attorney-in-Fact

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EXHIBIT B

Power of Attorney

Nathalie Auber has signed this Schedule 13D as Attorney-In-Fact. Note that copies of the applicable Power of Attorney are already on file with the appropriate agencies.

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