

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

**SCHEDULE 13G**

(Amendment No. 1)\*

UNDER THE SECURITIES EXCHANGE ACT OF 1934

**THRESHOLD PHARMACEUTICALS INC.**

(Name of Issuer)

Common Stock

(Title of Class of Securities)

885807107

(CUSIP Number)

December 31, 2009

(Date of Event That Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

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

\*This Amendment No. 1 to Schedule 13G is being filed in order to update our original Schedule 13G, filed with the Securities and Exchange Commission on August 28, 2008.

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 the disclosures provided in a prior cover page.

The information required in 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).

(1) Names of Reporting Persons.	
Alta BioPharma Partners III, L.P.	
(2) Check The Appropriate Box If A Member Of A Group	(a) (b) X
(3) SEC Use Only	
(4) Citizenship or Place of Organization	
Delaware	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power 1,939,908 (a)
	(6) Shared Voting Power -0-
	(7) Sole Dispositive Power 1,939,908 (a)
	(8) Shared Dispositive Power -0-
(9) Aggregate Amount Beneficially Owned By Each Reporting Person	
1,939,908 (a)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9)	
5.7% (b)	
(12) Type Of Reporting Person	
PN	

(a) Alta BioPharma Partners III, L.P. ("ABPIII") has sole voting and dispositive control over 1,439,921 shares of common stock ("Common Stock") and warrants to purchase 499,987 shares of Common Stock of Threshold Pharmaceuticals, Inc. (the "Issuer"), except that Alta BioPharma Management III, LLC ("ABMIII"), the general partner of ABPIII, and Jean Deleage ("Deleage"), Farah Champsi ("Champsi"), Edward Hurwitz ("Hurwitz") and Edward Penhoet ("Penhoet"), directors of ABMIII, may be deemed to share the right to direct the voting and dispositive control over such stock. Additional information about ABPIII is set forth in Attachment A hereto.

(b) The percentage set forth in row (11) is based on an aggregate of 33,562,488 shares of Common Stock outstanding as of October 31, 2009 as reported in the Issuer's 10-Q filing for the quarter ended September 30, 2009.

(1) Names of Reporting Persons. Alta BioPharma Partners III GmbH & Co. Beteiligungs KG		
(2) Check The Appropriate Box If A Member Of A Group		(a) (b) X
(3) SEC Use Only		
(4) Citizenship or Place of Organization Germany		
Number Of Shares Beneficially Owned By Each Reporting Person With	(5)	Sole Voting Power 130,282 (c)
	(6)	Shared Voting Power -0-
	(7)	Sole Dispositive Power 130,282 (c)
	(8)	Shared Dispositive Power -0-
(9) Aggregate Amount Beneficially Owned By Each Reporting Person 130,282 (c)		
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares		
(11) Percent Of Class Represented By Amount In Row (9) 0.4% (b)		
(12) Type Of Reporting Person PN		

(c) Alta BioPharma Partners III GmbH & Co. Beteiligungs KG ("ABPIIKG") has sole voting and dispositive control over 96,704 shares of Common Stock and warrants to purchase 33,578 shares of Common Stock, except that ABMIII, the managing limited partner of ABPIIKG, and Deleage, Champsi, Penhoet, and Hurwitz directors of ABMPIII, may be deemed to share the right to direct the voting and dispositive control over such stock.

(1) Names of Reporting Persons.	
Alta BioPharma Management III, LLC	
(2) Check The Appropriate Box If A Member Of A Group	
(a)	
(b) <input checked="" type="checkbox"/>	
(3) SEC Use Only	
(4) Citizenship or Place of Organization	
Delaware	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power -0-
	(6) Shared Voting Power 2,070,190 (d)
	(7) Sole Dispositive Power -0-
	(8) Shared Dispositive Power 2,070,190 (d)
(9) Aggregate Amount Beneficially Owned By Each Reporting Person	
2,070,190 (d)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9)	
6.1% (b)	
(12) Type Of Reporting Person	
OO	

(d) ABMIII shares voting and dispositive power over the 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock beneficially owned by ABPIII and the 96,704 shares of Common Stock and warrants to purchase 33,578 shares of Common Stock beneficially owned by ABPIIIKG.



(1) Names of Reporting Persons.	
Alta Embarcadero BioPharma Partners III, LLC	
(2) Check The Appropriate Box If A Member Of A Group	
(a)	
(b) X	
(3) SEC Use Only	
(4) Citizenship or Place of Organization	
California	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power 47,806(e)
	(6) Shared Voting Power -0-
	(7) Sole Dispositive Power 47,806(e)
	(8) Shared Dispositive Power -0-
(9) Aggregate Amount Beneficially Owned By Each Reporting Person	
47,806 (e)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9)	
0.1% (b)	
(12) Type Of Reporting Person	
OO	

(e) Alta Embarcadero BioPharma Partners III, LLC (“AEBPIII”) has sole voting and dispositive control over 35,485 shares of Common Stock and warrants to purchase 12,321 shares of Common Stock, except that Deleage, Champsi, Penhoet, and Hurwitz, managers of AEBPIII, may be deemed to share the right to direct the voting and dispositive control over such stock.

(1) Names of Reporting Persons.	
Jean Deleage	
(2) Check The Appropriate Box If A Member Of A Group	(a) (b) X
(3) SEC Use Only	
(4) Citizenship or Place of Organization	
United States	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power -0-
	(6) Shared Voting Power 2,117,996 (f)
	(7) Sole Dispositive Power -0-
	(8) Shared Dispositive Power 2,117,996 (f)
(9) Aggregate Amount Beneficially Owned By Each Reporting Person	
2,117,996 (f)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9)	
6.2% (b)	
(12) Type Of Reporting Person	
IN	

(f) Deleage shares voting and dispositive control over the 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock beneficially owned by ABPIII, the 96,704 shares of Common Stock and warrant to purchase 33,578 shares of Common Stock beneficially owned by ABPIIIKG, and the 35,485 shares of Common Stock and warrant to purchase 12,321 shares of Common Stock beneficially owned by AEBPIII.

(1) Names of Reporting Persons. Farah Champsi	
(2) Check The Appropriate Box If A Member Of A Group (a) (b) X	
(3) SEC Use Only	
(4) Citizenship or Place of Organization United States	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power -0-
	(6) Shared Voting Power 2,117,996 (g)
	(7) Sole Dispositive Power -0-
	(8) Shared Dispositive Power 2,117,996 (g)
(9) Aggregate Amount Beneficially Owned By Each Reporting Person 2,117,996 (g)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9) 6.2% (b)	
(12) Type Of Reporting Person IN	

(g) Champsi shares voting and dispositive control over the 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock beneficially owned by ABPIII, the 96,704 shares of Common Stock and warrant to purchase 33,578 shares of Common Stock beneficially owned by ABPIIIKG, and the 35,485 shares of Common Stock and warrant to purchase 12,321 shares of Common Stock beneficially owned by AEBPIII.

(1) Names of Reporting Persons.	
Edward Penhoet	
(2) Check The Appropriate Box If A Member Of A Group	(a) (b) X
(3) SEC Use Only	
(4) Citizenship or Place of Organization	
United States	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power -0-
	(6) Shared Voting Power 2,117,996 (h)
	(7) Sole Dispositive Power -0-
	(8) Shared Dispositive Power 2,117,996 (h)
(9) Aggregate Amount Beneficially Owned By Each Reporting Person	
2,117,996 (h)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9)	
6.2% (b)	
(12) Type Of Reporting Person	
IN	

(h) Penhoet shares voting and dispositive control over the 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock beneficially owned by ABPIII, the 96,704 shares of Common Stock and warrant to purchase 33,578 shares of Common Stock beneficially owned by ABPIIIKG, and the 35,485 shares of Common Stock and warrant to purchase 12,321 shares of Common Stock beneficially owned by AEBPIII.



(1) Names of Reporting Persons. Edward Hurwitz	
(2) Check The Appropriate Box If A Member Of A Group (a) (b) X	
(3) SEC Use Only	
(4) Citizenship or Place of Organization United States	
Number Of Shares Beneficially Owned By Each Reporting Person With	(5) Sole Voting Power -0-
	(6) Shared Voting Power 2,117,996 (i)
	(7) Sole Dispositive Power -0-
	(8) Shared Dispositive Power 2,117,996 (i)
(9) Aggregate Amount Beneficially Owned By Each Reporting Person 2,117,996 (i)	
(10) Check If The Aggregate Amount In Row (9) Excludes Certain Shares	
(11) Percent Of Class Represented By Amount In Row (9) 6.2% (b)	
(12) Type Of Reporting Person IN	

- (i) Hurwitz shares voting and dispositive control over the 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock beneficially owned by ABPIII, the 96,704 shares of Common Stock and warrant to purchase 33,578 shares of Common Stock beneficially owned by ABPIIIKG, and the 35,485 shares of Common Stock and warrant to purchase 12,321 shares of Common Stock beneficially owned by AEBPIII.

**Item 1.**

- (a) Name of Issuer: Threshold Pharmaceuticals, Inc. (“Issuer”)  
 (b) Address of Issuer’s Principal Executive Offices:

1300 Seaport Boulevard  
 Redwood City, CA 94063

**Item 2.**

- (a) Name of Person Filing:

Alta BioPharma Partners III, L.P. (“ABPIII”)  
 Alta BioPharma Management III, LLC (“ABMIII”)  
 Alta BioPharma Partners III GmbH & Co. Beteiligungs KG (“ABPIIIKG”)  
 Alta Embarcadero BioPharma Partners III, LLC (“AEBPIII”)  
 Jean Deleage (“JD”)  
 Farah Champsy (“FC”)  
 Edward Penhoet (“EP”)  
 Edward Hurwitz (“EH”)

- (b) Address of Principal Business Office:

One Embarcadero Center, Suite 3700  
 San Francisco, CA 94111

- (c) Citizenship/Place of Organization:

Entities:	ABPIII	Delaware
	ABMIII	Delaware
	ABPIIIKG	Germany
	AEBPIII	California

Individuals:	JD	United States
	FC	United States
	EP	United States
	EH	United States

- (d) Title of Class of Securities: Common Stock  
 (e) CUSIP Number: 885807107

**Item 3. Not applicable.**

**Item 4 Ownership.**

**Please see Attachment A**

		ABPIII	ABMIII	ABPIIIKG	AEBPIII
(a)	Beneficial Ownership	1,939,908	2,070,190	130,282	47,806
(b)	Percentage of Class	5.7%	6.1%	0.4%	0.1%
(c)	Sole Voting Power	1,939,908	-0-	130,282	47,806
	Shared Voting Power	-0-	2,070,190	-0-	-0-
	Sole Dispositive Power	1,939,908	-0-	130,282	47,806
	Shared Dispositive Power	-0-	2,070,190	-0-	-0-
		JD	FC	EP	EH
(a)	Beneficial Ownership	2,117,996	2,117,996	2,117,996	2,117,996
(b)	Percentage of Class	6.2%	6.2%	6.2%	6.2%
(c)	Sole Voting Power	-0-	-0-	-0-	-0-
	Shared Voting Power	2,117,996	2,117,996	2,117,996	2,117,996
	Sole Dispositive Power	-0-	-0-	-0-	-0-
	Shared Dispositive Power	2,117,996	2,117,996	2,117,996	2,117,996

**Item 5. Ownership of Five Percent or Less of a Class**

See Item 4

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**

Not applicable.

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.**

Not applicable.

**Item 8. Identification and Classification of Members of the Group**

No reporting person is a member of a group as defined in Section 240.13d-1(b)(1)(ii)(J) of the Act.

**Item 9. Notice of Dissolution of Group**

Not applicable.

**Item 10. Certification**

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 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.

**EXHIBITS**

A: Joint Filing Statement

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**SIGNATURE**

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: January 29, 2010

ALTA BIOPHARMA PARTNERS III, L.P.  
By: Alta BioPharma Management III, LLC

ALTA BIOPHARMA MANAGEMENT III, LLC

By:           /s/ Jean Deleage            
Jean Deleage, Director

By:           /s/ Jean Deleage            
Jean Deleage, Director

ALTA EMBARCADERO BIOPHARMA PARTNERS III, LLC

ALTA BIOPHARMA PARTNERS III GMBH & CO.  
BETEILIGUNGS KG  
By: Alta BioPharma Management III, LLC

By:           /s/ Jean Deleage            
Jean Deleage, Manager

By:           /s/ Jean Deleage            
Jean Deleage, Director

          /s/ Jean Deleage            
Jean Deleage

          /s/ Farah Champsi            
Farah Champsi

          /s/ Edward Penhoet            
Edward Penhoet

          /s/ Edward Hurwitz            
Edward Hurwitz



**EXHIBIT A**  
**AGREEMENT OF JOINT FILING**

We, the undersigned, hereby express our agreement that the attached Schedule 13G is filed on behalf of us.

Date: January 29, 2010

**SIGNATURE**

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.

ALTA BIOPHARMA PARTNERS III, L.P.  
By: Alta BioPharma Management III, LLC

ALTA BIOPHARMA MANAGEMENT III, LLC

By: /s/ Jean Deleage  
Jean Deleage, Director

By: /s/ Jean Deleage  
Jean Deleage, Director

ALTA EMBARCADERO BIOPHARMA PARTNERS III, LLC

ALTA BIOPHARMA PARTNERS III GMBH & CO.  
BETEILIGUNGS KG  
By: Alta BioPharma Management III, LLC

By: /s/ Jean Deleage  
Jean Deleage, Manager

By: /s/ Jean Deleage  
Jean Deleage, Director

/s/ Jean Deleage  
Jean Deleage

/s/ Farah Champs  
Farah Champs

/s/ Edward Penhoet  
Edward Penhoet

/s/ Edward Hurwitz  
Edward Hurwitz



**Attachment A**

Alta BioPharma Partners III, L.P. beneficially owns 1,439,921 shares of Common Stock and warrants to purchase 499,987 shares of Common Stock and exercises sole voting and dispositive control over such shares, except to the extent set forth below.

Alta BioPharma Partners III GmbH & Co. Beteiligungs KG beneficially owns 96,704 shares of Common Stock and warrants to purchase 33,578 shares of Common Stock and exercises sole voting and dispositive control over such shares, except to the extent set forth below.

Alta Embarcadero BioPharma Partners III, LLC beneficially owns 35,485 shares Common Stock and warrants to purchase 12,321 shares of Common Stock and exercises sole voting and dispositive control over such shares, except to the extent set forth below.

Alta BioPharma Management III, LLC is the general partner of Alta BioPharma Partners III, L.P. and the managing limited partner of Alta BioPharma Partners III GmbH & Co. Beteiligungs KG and may be deemed to share the right to direct the voting and dispositive control over the shares held by such funds. Alta BioPharma Management Partners III, LLC disclaims beneficial ownership of all such shares, except to the extent of its pecuniary interest therein.

Mr. Jean Deleage is a director of Alta BioPharma Management III, LLC, and a manager of Alta Embarcadero BioPharma Partners III, LLC. He may be deemed to share the right to direct the voting and dispositive control over the shares held by such funds. Mr. Deleage disclaims beneficial ownership of all such shares, except to the extent of his pecuniary interest therein.

Ms. Farah Champsi is a director of Alta BioPharma Management III, LLC, and a manager of Alta Embarcadero BioPharma Partners III, LLC. She may be deemed to share the right to direct the voting and dispositive control over the shares held by such funds. Ms. Champsi disclaims beneficial ownership of all such shares, except to the extent of her pecuniary interest therein.

Mr. Edward Hurwitz is a director of Alta BioPharma Management III, LLC, and a manager of Alta Embarcadero BioPharma Partners III, LLC. He may be deemed to share the right to direct the voting and dispositive control over the shares held by such funds. Mr. Hurwitz disclaims beneficial ownership of all such shares, except to the extent of his pecuniary interest therein.

Mr. Edward Penhoet is a director of Alta BioPharma Management III, LLC, and a manager of Alta Embarcadero BioPharma Partners III, LLC. He may be deemed to share the right to direct the voting and dispositive control over the shares held by such funds. Mr. Penhoet disclaims beneficial ownership of all such shares, except to the extent of his pecuniary interest therein.