UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

SCHEDULE 13G/A

UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 1)*

ACADIA PHARMACEUTICALS INC.

(Name of Issuer)

COMMON STOCK (Title of Class of Securities)

004225108 (CUSIP Number)

December 31, 2012 (Date of Event Which 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)

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).

CUSIP	USIP No. 004225108 Page 2 of					
1.	1. Name of Reporting Persons					
	Venrock Healthcare Capital Partners, L.P.					
			Appropriate Box if a Member of a Group (See Instructions) (b) □			
	(a) 🗵	`				
3. 5	SEC US	ΕO	DNLY			
4. (Citizens	hip	or Place of Organization			
	Delaw	are				
		5.				
Num	ber of		0			
Sh	ares	6.				
	ficially ied by		0			
Ea	ach	7.	Sole Dispositive Power			
	orting rson		0			
W	ith:	8.	Shared Dispositive Power			
9. <i>A</i>	Aggrega	ite A	Amount Beneficially Owned by Each Reporting Person			
)					
10.						
11. I	11. Percent of Class Represented by Amount in Row (9)					
	0.0%					
		Rep	porting Person (See Instructions)			
		•				
I	PN					

CUSI	CUSIP No. 004225108 Pag					
1.	1. Name of Reporting Persons					
	VHCP Co-Investment Holdings, LLC					
2.						
3.	SEC US	ΕC	NLY			
4.	Citizens	hip	or Place of Organization			
	Delaw	are				
	•	5.	Sole Voting Power			
Νι	ımber of		0			
	Shares neficially	6.	Shared Voting Power			
O	wned by		0			
	Each eporting	7.	Sole Dispositive Power			
1	Person		0			
	With:	8.	Shared Dispositive Power			
			0			
9.	Aggrega	ite A	Amount Beneficially Owned by Each Reporting Person			
	0					
10.	10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)					
11.	11. Percent of Class Represented by Amount in Row (9)					
	0.0%					
12.	Type of	Rep	orting Person (See Instructions)			
	00					

CUSIP No. 004225108				Page 4 of 12		
1.	1. Name of Reporting Persons					
			anagement, LLC			
2.	 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) ⊠ (b) □ 					
3.	SEC US					
٥.						
4.	Citizens	hip	or Place of Organization			
	Delaw	are				
		5.	Sole Voting Power			
Nı	ımber of		0			
:	Shares	6.	Shared Voting Power			
Beneficially Owned by 0						
	Each	7.	Sole Dispositive Power			
	eporting Person		0			
	With:	8.	Shared Dispositive Power			
			0			
9.	Aggrega	ite A	Amount Beneficially Owned by Each Reporting Person			
	0					
10.						
11.	11. Percent of Class Represented by Amount in Row (9)					
	0.0%					
12.						
	00					
	I					

CUSIP No. 004225108				Page 5 of 12		
1.	1. Name of Reporting Persons					
	Hove, Anders					
2.	 Check the Appropriate Box if a Member of a Group (See Instructions) (a) ⋈ (b) □ 					
3.	SEC US	E ONLY				
4.	Citizens	nip or Plac	e of Organization			
	United	States				
		5. Sole V	Voting Power			
Nι	ımber of	0				
	Shares	6. Share	d Voting Power			
Beneficially Owned by 0						
	Each eporting	7. Sole I	Dispositive Power			
Person 0		0				
	With:	8. Share	d Dispositive Power			
		0				
9.	Aggrega	te Amount	Beneficially Owned by Each Reporting Person			
	0					
10.	Check i	the Aggre	gate Amount in Row (9) Excludes Certain Shares (See Instructions)			
11.	11. Percent of Class Represented by Amount in Row (9)					
	0.0%					
12.	Type of	Reporting 1	Person (See Instructions)			
	IN					

CUSIP No. 004225108				Page 6 of 12		
1.	1. Name of Reporting Persons					
	Roberts, Bryan					
2.	•					
3.	SEC US	SE OI	NLY			
4.	Citizens	ship o	or Place of Organization			
	United	l Sta	ites			
		5.	Sole Voting Power			
Nı	ımber of		0			
	Shares	6.	Shared Voting Power			
Beneficially Owned by 0						
	Each	7.	Sole Dispositive Power			
	eporting Person		0			
	With:		Shared Dispositive Power			
			0			
9.	9. Aggregate Amount Beneficially Owned by Each Reporting Person					
	0					
10.						
11.	11. Percent of Class Represented by Amount in Row (9)					
	0.0%					
12.		Repo	orting Person (See Instructions)			
	IN					
	I					

Introductory Note: This Schedule 13G/A is filed on behalf of Venrock Healthcare Capital Partners, L.P., a limited partnership organized under the laws of the State of Delaware ("VHCP LP"), VHCP Co-Investment Holdings, LLC, a limited liability company organized under the laws of the State of Delaware ("VHCP Co-Investment"), VHCP Management, LLC, a limited liability company organized under the laws of the State of Delaware ("VHCP Management" and collectively with VHCP LP and VHCP Co-Investment, the "Venrock Entities"), Anders Hove and Bryan Roberts in respect of Common Stock of ACADIA Pharmaceuticals Inc.

Item 1.

(a) Name of Issuer

ACADIA Pharmaceuticals Inc.

(b) Address of Issuer's Principal Executive Offices

3911 Sorrento Valley Boulevard San Diego, California 92121

Item 2.

(a) Name of Person Filing

Venrock Healthcare Capital Partners, L.P. VHCP Co-Investment Holdings, LLC VHCP Management, LLC Anders Hove Bryan Roberts

(b) Address of Principal Business Office or, if none, Residence

New York Office: Palo Alto Office: Cambridge Office:

530 Fifth Avenue 3340 Hillview Avenue 55 Cambridge Parkway

22nd Floor Palo Alto, CA 94304 Suite 100

New York, NY 10036 Cambridge, MA 02142

(c) Citizenship

All entities were organized in Delaware. The individuals are both United States citizens.

(d) Title of Class of Securities

Common Stock

(e) CUSIP Number

004225108

Item 3. If this statement is filed pursuant to §§240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable

Item 4. Ownership

(a) Amount Beneficially Owned:

0
0
0
0
0

(b) Percent of Class:

Venrock Healthcare Capital Partners, L.P.	0.0%
VHCP Co-Investment Holdings, LLC	0.0%
VHCP Management, LLC	0.0%
Anders Hove	0.0%
Bryan Roberts	0.0%

- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

Venrock Healthcare Capital Partners, L.P.	0
VHCP Co-Investment Holdings, LLC	0
VHCP Management, LLC	0
Anders Hove	0
Bryan Roberts	0

(ii) Shared power to vote or to direct the vote

Venrock Healthcare Capital Partners, L.P.	0
VHCP Co-Investment Holdings, LLC	0
VHCP Management, LLC	0
Anders Hove	0
Bryan Roberts	0

(iii) Sole power to dispose or to direct the disposition of

Venrock Healthcare Capital Partners, L.P.	0
VHCP Co-Investment Holdings, LLC	0
VHCP Management, LLC	0
Anders Hove	0
Bryan Roberts	0

(iv) Shared power to dispose or to direct the disposition of

Venrock Healthcare Capital Partners, L.P.	0
VHCP Co-Investment Holdings, LLC	0
VHCP Management, LLC	0
Anders Hove	0
Bryan Roberts	0

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following \boxtimes .

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

Not Applicable

Item 9. Notice of Dissolution of a 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.

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.

Dated: February 14, 2013

Venrock Healthcare Capital Partners, L.P.

By: VHCP Management, LLC,

its General Partner

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

VHCP Management, LLC

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

/s/ David L. Stepp, as attorney-in-fact

Anders Hove

/s/ David L. Stepp, as attorney-in-fact

Bryan Roberts

VHCP Co-Investment Holdings, LLC

By: VHCP Management, LLC,

its Manager

By: /s/ David L. Stepp

Name: David L. Stepp Title: Authorized Signatory

EXHIBITS

- A: Joint Filing Agreement
- B: Power of Attorney for Anders Hove (Incorporated by reference from Exhibit B to Schedule 13G filed on February 14, 2012.)
- C: Power of Attorney for Bryan Roberts (Incorporated by reference from Exhibit C to Schedule 13G filed on February 14, 2012.)

EXHIBIT A

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the Common Stock of ACADIA Pharmaceuticals Inc. and further agree that this agreement be included as an exhibit to such filing. Each party to the agreement expressly authorizes each other party to file on its behalf any and all amendments to such statement. Each party to this agreement agrees that this joint filing agreement may be signed in counterparts.

In evidence whereof, the undersigned have caused this Agreement to be executed on their behalf this 14th day of February, 2013.

Venrock Healthcare Capital Partners, L.P.	VHCP Co-Investment Holdings, LLC			
By: VHCP Management, LLC, its General Partner	By:	VHCP Management, LLC, its Manager		
By: /s/ David L. Stepp	By:	/s/ David L. Stepp		
Name: David L. Stepp		Name: David L. Stepp		
Title: Authorized Signatory		Title: Authorized Signatory		
VHCP Management, LLC By: /s/ David L. Stepp				
Name: David L. Stepp				
Title: Authorized Signatory				
/s/ David L. Stepp, as attorney-in-fact				
Anders Hove				
/s/ David L. Stepp, as attorney-in-fact				
Bryan Roberts				