ACADIA PHARMACEUTICALS INC Form SC 13G/A May 14, 2010

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

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 3)

Acadia Pharmaceuticals Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

0042251084

(CUSIP Number)

December 31, 2009

(Date of Event which Requires Filing of this Statement)

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

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

The information required on the reminder 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).

^{*}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. 0042251084

1	Name of Reporting Person Sepracor Inc.		
	S.S. or I.R.S. Identification No	o. of Above Person	
	22-2536587		
2	Check the Appropriate Box if (a) (b)	a Member of a Group o o	
3	SEC Use Only		
4	Citizenship or Place of Organization Delaware		
	5		Sole Voting Power 1,890,422
Number of Shares Beneficially	6		Shared Voting Power 0
Owned by Reporting Person With	7		Sole Dispositive Power 1,890,422
	8		Shared Dispositive Power 0
9	Aggregate Amount Beneficially Owned by Reporting Person 1,890,422		
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o		
11	Percent of Class Represented by Amount in Row (9) 4.9%		
12	Type of Reporting Person CO		

CUSIP No. 0042251084

1	Name of Reporting Person Dainippon Sumitomo Pharma America Holdings, Inc.		
	S.S. or I.R.S. Identification No. or	f Above Person	
	27-0534130		
2	Check the Appropriate Box if a M (a) o (b) o		
3	SEC Use Only		
4	Citizenship or Place of Organization Delaware		
	5		Sole Voting Power 1,890,422
Number of Shares Beneficially	6		Shared Voting Power
Owned by Reporting			0
Person With	7		Sole Dispositive Power 1,890,422
	8		Shared Dispositive Power 0
9	Aggregate Amount Beneficially Owned by Reporting Person 1,890,422		
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o		
11	Percent of Class Represented by Amount in Row (9) 4.9%		
12	Type of Reporting Person CO		

CUSIP No. 0042251084

1	Name of Reporting Person Dainippon Sumitomo Pharma Co. Ltd.		
	S.S. or I.R.S. Identification N	No. of Above Person	
	Not Applicable		
2	Check the Appropriate Box i (a) (b)	f a Member of a Group o o	
3	SEC Use Only		
4	Citizenship or Place of Organ Osaka, Japan	nization	
	5		Sole Voting Power 1,890,422
Number of Shares Beneficially	6		Shared Voting Power
Owned by Reporting Person With	7		O Sole Dispositive Power 1,890,422
	8		Shared Dispositive Power 0
9	Aggregate Amount Beneficially Owned by Reporting Person 1,890,422		
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares o		
11	Percent of Class Represented by Amount in Row (9) 4.9%		
12	Type of Reporting Person CO		

Amendment No. 2 to Schedule 13G

Item 1	(a)	Name of Issuer
	(b)	Acadia Pharmaceuticals Inc. (the Issuer) Address of Issuer s Principal Executive Office
Item 2		3911 Sorrento Valley Boulevard San Diego, CA 92121
	(a)	Names of Persons Filing
		This Statement is being filed on behalf of each of the following persons collectively, the Reporting Persons):
		(i) Sepracor Inc.
		(ii) Dainippon Sumitomo Pharma America Holdings, Inc.
	(b)	(iii) Dainippon Sumitomo Pharma Co., Ltd. Address of Principal Business Office
		The address of the principal business offices of the Reporting Persons is:
		Sepracor Inc.
	84 Waterford Drive	
		Marlborough, MA 01752
		Dainippon Sumitomo Pharma America Holdings, Inc.
		One Bridge Plaza, Suite 510
		Fort Lee, New Jersey 07024

	Dainippon Sumitomo Pharma Co., Ltd.	
	6-8 Doshomachi 2-Chrome	
	Chu-Ku, Osaka 541-0045	
(c)	Japan Citizenship	
	(i) a Delaware corporation	
	(ii) a Delaware corporation	
(d)	(iii) organized under the laws of Japan Title of Class of Securities	
(e)	Common Stock, par value \$0.0001 per share (the Common Stock) CUSIP Number	
	0042251084	
This statement is not being filed pursuant to either Rule 13d-1(b) or 13d-2(b) or (c).		
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Item 3

CUSIP No. 0042251084

Item 4	Ownership (a)	Amount Beneficially owned:		
	(b)	1,890,422 shares of Common Stock Percent of class:		
	(c)	4.9% Number of Shares as to which each of the Reporting persons has:		
		(i)	Sole power to vote or to direct the vote	
		(ii)	1,890,422 shares of Common Stock Shared power to vote or to direct the vote	
		(iii)	0 shares Sole power to dispose or direct the disposition of	
		(iv)	1,890,422 shares of Common Stock shared power to dispose or to direct the disposition of	
			0 shares	
Item 5	If this statement is being	whership of Five Percent or Less of a Class this statement is being filed to report the fact that as of the date hereof the reporting persons have ceased to be the eneficial owners of more than five percent of the class of securities, check the following x.		
Item 6	Ownership of More than Five Percent on Behalf of Another Person Not applicable.			
Item 7	Identification and Classification of 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 Not applicable.	of Group		

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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.

SIGNATURES

In accordance with Rule 13(d)-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other of the attached statement on Schedule 13G and to all amendments to such statement. 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: May 11, 2010 SEPRACOR INC.

By: /s/ Mark Iwicki

Name: Mark Iwicki

Title: President and Chief Operating Officer

Dated: May 11, 2010 DAINIPPON SUMITOMO PHARMA AMERICA HOLDINGS, INC.

By: /s/ Nobuhiko Tamura

Name: Nobuhiko Tamura

Title: President

Dated: May 11, 2010 DAINIPPON SUMITOMO PHARMA CO., LTD.

By: /s/ Hiroshi Nomura

Name: Hiroshi Nomura Title: Executive Officer

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