FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OWR APPRO	VAL				
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1. Name and Address of Reporting Person*  Miller Eric Alejandro  (First) (Middle)						Issuer Name and Ticker or Trading Symbol     ACADIA PHARMACEUTICALS INC [     ACAD ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director  Officer (give title Other (specify below)				
(Last) (First) (Middle) C/O ACADIA PHARMACEUTICALS INC. 3611 VALLEY CENTRE DRIVE, SUITE 300						Date of /09/20		est Tran	saction (I	Month	/Day/Year)		be	elow) Contro	ller &	below)			
(Street) SAN DIEGO CA 92130						4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting				
(City)	(S										Ρ'	erson							
			le I - No			_			-	l, Dis	sposed o					_			
1. Title of Security (Instr. 3)				2. Transa Date (Month/D		Ex r) if a	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4			5) Sec Bei Ow	Amount of curities neficially ned Following ported	Forr (D) (	wnership n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A) or (D)	Price	Tra	nsaction(s) str. 3 and 4)			(111511.4)	
Common	Stock			09/09/	/2019						7,500	A	\$20.	65	12,145(1)		D		
Common	Stock			09/09/	/2019	_			M		3,900	A	\$32.	\$32.28 16		5,045			
Common				09/09/		_			M		6,063	A	\$29.		22,108		D		
Common				09/09/		+			M		4,439	A		\$36.54 2		+	D D		
Common				09/09/					M		4,593 1,972	A	-			3,112			
Common				09/09/				S		28,467	D				1,645				
Common				09/11/					S		4,645	D	\$41.1	_	0				
		7	Table II								osed of,				ed				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Execution	(e.g., p		calls	5. N of Deri Sec Acq (A) o	umber ivative urities uired or oosed D) tr. 3, 4	s, optic	exercison Dat	convertil sable and e		g Security ad 4)	8. Pric Deriva Securi (Instr.	e of 9. Numb tive derivativ ty Securitie	re es ally ig d tion(s)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)	
Derivative Security	Conversion or Exercise Price of Derivative	3. Transaction Date	3A. Deen Execution	(e.g., p	4. Transa Code (I	calls	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or oosed D) tr. 3, 4	6. Date E	Exercison Date Day/Ye	convertil sable and e	7. Title and Amount of Securities Underlying Derivative	rities)	8. Pric Deriva Securi (Instr.	e of 9. Numb derivativ securitie Beneficiowned Followin Reporter	re es ally ig d tion(s)	Ownership Form: Direct (D) or Indirect	Beneficial Ownership (Instr. 4)	
Derivative Security	Conversion or Exercise Price of Derivative	3. Transaction Date	3A. Deen Execution	(e.g., p	4. Transa Code (1 8)	action Instr.	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or cosed D) tr. 3, 4 5)	6. Date E Expiration (Month/E	Exercison Date Day/Ye	convertil sable and e e ar)	7. Title am Amount o Securities Underlyin Derivative (Instr. 3 ar	d f Security d 4)  Amount or Number of	8. Pric Deriva Securi (Instr.	e of titve derivativ Securitiis Beneficio Owned Followin Reporter Transact (Instr. 4)	ve es ally ng d tion(s)	Ownership Form: Direct (D) or Indirect	of Indirect Beneficial Ownership (Instr. 4)	
Stock Option (Right to	Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Execution	(e.g., p	4. Transa Code (188)	action Instr.	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or cosed cosed cosed cosed (D)	6. Date Expiration (Month/L	Exercision Date of the Control of th	convertil sable and e e ar)  Expiration Date	7. Title am Amount o Securities Underlyin Derivative (Instr. 3 ar	Amount or Number of Shares	8. Pric Deriva Securi (Instr.	e of titive derivative Securities Beneficio Owned Followin Reporter Transact (Instr. 4)	ve es ally eg d tion(s)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)	
Stock Option (Right to Buy) Stock Option (Right to Buy)	Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Execution	(e.g., p	Code	action Instr.	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or oosed or tr. 3, 4 5)  (D)	Date Exercisa	DNS, DNS, DNS, DNS, DNS, DNS, DNS, DNS,	Expiration Date	7. Title am Amount o Securities Underlyin Derivatives (Instr. 3 ar Title	Amount of Number of Shares	8. Pric Deriva Securi (Instr.	e of titve derivative Securitiis Beneficio Owned Followin Reporter Transact (Instr. 4)	ve sesses ally grade in the control of the control	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)	
Stock Option (Right to Buy)  Stock Option (Right to Buy)  Stock Option (Right to Buy)	Conversion or Exercise Price of Derivative Security  \$20.65	3. Transaction Date (Month/Day/Year)  09/09/2019	3A. Deen Execution	(e.g., p	Code  M  M	action Instr.	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or coosed o) tr. 3, 4 5) (D) 7,500	Date Exercisa  (4)	DNS, Exercision Dat Day/Ye	Expiration Date  05/29/2024	7. Title am Amount o Securities Underlyin Derivative (Instr. 3 ar Title  Common Stock  Common	Amount or Number of Shares 7,500	\$0.00	e of tive derivative Securities Beneficio Owned Followin Reporter Transact (Instr. 4)	re ses sally reg did did did did did did did did did di	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)	
Stock Option (Right to Buy)  Stock Option (Right to Buy)  Stock Option (Right to Buy)  Stock Option (Right to Buy)	conversion or Exercise Price of Derivative Security  \$20.65  \$32.28	3. Transaction Date (Month/Day/Year)  09/09/2019  09/09/2019  09/09/2019	3A. Deen Execution	(e.g., p	Code  M  M	action Instr.	5. N of Deri Sec Acq (A) o Disp of (I (Ins	umber ivative urities uired or oosed or 5) (tr. 3, 4 5) (p) 7,500	Date Exercisa  (4)  (5)	DNS, Exercison Data Day/Ye	Expiration Date 01/25/2025 01/05/2026	7. Title am Amount o Securities Underlyin Derivative (Instr. 3 ar Title  Common Stock  Common Stock  Common Stock	Amount of Number of Shares 7,500 6,063	\$0.00	e of titve derivative Securitiis Beneficio Owned Followin Reported Transact (Instr. 4)	ve ses sally ses sally ses ses sally ses ses sally ses ses sally ses ses ses ses ses ses ses ses ses se	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership (Instr. 4)	

- 1. Includes 860 shares of the Issuer's common stock acquired by the reporting person on November 15, 2018 and 573 shares of the Issuer's common stock acquired by the reporting person on May 15, 2019 pursuant to an employee stock purchase program.
- 2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$39.49 to \$39.58, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.
- 3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$41.1401 to \$41.255, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth above.
- 4. The option is fully vested and exercisable.
- 5. 25% of the shares subject to the Stock Option vested and became exercisable on January 1, 2017, and the remaining shares vest and become exercisable in 36 equal monthly installments thereafter.
- 6. 25% of the shares subject to the Stock Option vested and became exercisable on March 8, 2018, and the remaining shares vest and become exercisable in 36 equal monthly installments thereafter.
- 7. 25% of the shares subject to the Stock Option vested and became exercisable on September 7, 2018, and the remaining shares vest and become exercisable in 36 equal monthly installments thereafter.
- 8. 25% of the shares subject to the Stock Option vest and become exercisable on April 7, 2019, and the remaining shares vest and become exercisable in 36 equal monthly installments thereafter.

## Remarks:

/s/ Austin D. Kim, Attorney-in-Fact 09/11/2019

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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