

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person* <u>Miller Eric Alejandro</u> (Last) (First) (Middle) C/O ACADIA PHARMACEUTICALS INC. 3611 VALLEY CENTRE DRIVE, SUITE 300 (Street) SAN DIEGO CA 92130 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ACADIA PHARMACEUTICALS INC [ACAD]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Controller & PAO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/09/2019</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/09/2019		M		7,500	A	\$20.65	12,145 ⁽¹⁾	D	
Common Stock	09/09/2019		M		3,900	A	\$32.28	16,045	D	
Common Stock	09/09/2019		M		6,063	A	\$29.24	22,108	D	
Common Stock	09/09/2019		M		4,439	A	\$36.54	26,547	D	
Common Stock	09/09/2019		M		4,593	A	\$35.8	31,140	D	
Common Stock	09/09/2019		M		1,972	A	\$16.5	33,112	D	
Common Stock	09/09/2019		S		28,467	D	\$39.49 ⁽²⁾	4,645	D	
Common Stock	09/11/2019		S		4,645	D	\$41.18 ⁽³⁾	0	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$20.65	09/09/2019		M			7,500	(4)	05/29/2024	Common Stock	7,500	\$0.00	0	D	
Stock Option (Right to Buy)	\$32.28	09/09/2019		M			3,900	(4)	01/25/2025	Common Stock	3,900	\$0.00	0	D	
Stock Option (Right to Buy)	\$29.24	09/09/2019		M			6,063	(5)	01/05/2026	Common Stock	6,063	\$0.00	552	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$36.54	09/09/2019		M			4,439	(6)	03/07/2027	Common Stock	4,439	\$0.00	2,911	D	
Stock Option (Right to Buy)	\$35.8	09/09/2019		M			4,593	(7)	09/06/2027	Common Stock	4,593	\$0.00	4,594	D	
Stock Option (Right to Buy)	\$16.5	09/09/2019		M			1,972	(8)	04/06/2028	Common Stock	1,972	\$0.00	3,598	D	

Explanation of Responses:

- 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.
- 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.
- 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.
- The option is fully vested and exercisable.
- 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.
- 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.
- 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.
- 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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