

**UNITED STATES SECURITIES AND EXCHANGE
COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF
SECURITIES**

OMB APPROVAL

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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>Schneyer Mark C.</u> (Last) (First) (Middle) <u>C/O ACADIA</u> <u>PHARMACEUTICALS INC.</u> <u>12830 EL CAMINO REAL, SUITE</u> <u>400</u> (Street) <u>SAN</u> <u>CA</u> <u>92130</u> <u>DIEGO</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>12/09/2021</u>	3. Issuer Name and Ticker or Trading Symbol <u>ACADIA PHARMACEUTICALS INC [ACAD]</u>	
		4. 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>Chief Financial Officer</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock</u>	<u>1,303</u>	<u>D</u>	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
<u>Employee Stock Option (Right to Buy)</u>	<u>(1)</u>	<u>06/07/2030</u>	<u>Common Stock</u>	<u>41,066</u>	<u>46.81</u>	<u>D</u>	
<u>Employee Stock Option (Right to Buy)</u>	<u>(2)</u>	<u>02/22/2031</u>	<u>Common Stock</u>	<u>19,927</u>	<u>49.74</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u>	<u>5,679</u>	<u>(4)</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(5)</u>	<u>(5)</u>	<u>Common Stock</u>	<u>5,411</u>	<u>(4)</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(6)</u>	<u>(6)</u>	<u>Common Stock</u>	<u>39,651</u>	<u>(4)</u>	<u>D</u>	
<u>Restricted Stock Units</u>	<u>(7)</u>	<u>(7)</u>	<u>Common Stock</u>	<u>39,651</u>	<u>(4)</u>	<u>D</u>	

Explanation of Responses:

- 25% of the shares subject to the Stock Option vested and became exercisable on June 8, 2021, 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 February 23, 2022, and the remaining shares vest and become exercisable in 36 equal monthly installments thereafter.
- One-third of the shares subject to the restricted stock units vest on each of June 8, 2022, June 8, 2023 and June 8, 2024.
- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- The restricted stock units vest in four equal annual installments beginning February 23, 2022.
- The restricted stock units vest as follows: 37.5% of the shares vest 18 months from the grant date; 12.5% of the shares vest on the second anniversary of the grant date; and 25% of the shares vest on each of the third and fourth anniversaries of the grant date.
- The restricted stock units vest as follows: 37.5% of the shares vest 18 months from the grant date; 12.5% of the shares vest on the second anniversary of the grant date; and 25% of the shares vest on each of the third and fourth anniversaries of the grant date. In addition, these restricted stock units may vest earlier upon the Issuer's common stock achieving a specified price per share over a specified trading period.

Remarks:

/s/ Austin D. Kim,

12/20/2021

Attorney-in-Fact

** 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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby authorizes each of Austin D. Kim, Jim Kihara or Martin Choy to execute for and on behalf of the undersigned, in the undersigned's capacity as an officer of Acadia Pharmaceuticals Inc. (the "Company"), Forms 3, 4 and 5 and any Amendments thereto, and cause such form(s) to be filed with the Securities and Exchange Commission pursuant to Section 16(a) of the Securities Exchange Act of 1934, relating to the undersigned's beneficial ownership of securities in the Company.

The undersigned hereby grants to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or substitute or substitutes of such attorney-in-fact, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of, and transactions in, securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorney-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed this 13th day of December, 2021.

/s/ Mark C. Schneyer