FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Vashington,	D.C. 20549
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL										
OMB Number:	3235-0287									
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hours per response:	0.5									

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

					Code			(D)	Date Exerci	isable	Expiration Date	Title	Amount or Number of Shares	•						
1. Title of Derivative Security (Instr. 3)	2. Conversior or Exercise Price of Derivative Security	Date (Month/Day/Year)	Execut if any	A. Deemed kecution Date,		action (Instr.			6. Date Exer Expiration D (Month/Day/		cisable and	7. Title a Amount Securitie Underlyi	ind of es ing ve Security	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securitie Beneficia Owned Following Reported Transact (Instr. 4)	e ( s I ally I g (	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
		1	Table I								posed of			/ Owned						
Common Stock									П				1 2	250		I t	y Trust <sup>(7)</sup>			
Common	Stock														31		I I	Managed Account <sup>(6)</sup>		
Common	Stock			02/28/2	024				S <sup>(1)</sup>		1	D	\$158.0	8,	666	]	D			
Common	Stock			02/28/2	024				S <sup>(1)</sup>		17	D	\$157.30	5) 8,	667		D			
Common Stock			02/28/2	02/28/2024				S <sup>(1)</sup>	П	115	D	\$156.38	8,684		]	D				
Common Stock 02/28/20			024				S <sup>(1)</sup>		194	D	\$155.45	(3) 8.	799		D					
Common Stock 02/28/			024	1			S <sup>(1)</sup>	Н	247	D	\$154.54			]	D					
Common Stock			02/27/2024				M		1,908	A	\$0.0	<u> </u>			D					
, , , ,			Date (Month/Day/Year)		Execution Date, if any (Month/Day/Year)		Transa Code ( 8)		Disposed O	(A) or Price		Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)		Form: Direct (D) or Indirect (I) (Instr. 4)		Indirect Beneficial Ownership (Instr. 4)				
1. Title of	Security (In		10 1 - 10	2. Transact		2A. D	eeme	d	3.		4. Securities	Acquired	i (A) or	5. Amoi	ınt of	6. Own		. Nature of		
		Tah	Jo I - N	lon-Deriv	uative						isposed o				d					
(=::,)	,	,	(		Ιп	Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.														
(City)		State)	(Zip)		R	ule 1	0b5	5-1(c	) Transaction Indication											
(Street)  CAMBR	IDGE N	ИA	02142												filed by Mo		-			
HENRI A. TERMEER SQUARE					- 4.1	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					
675 WE	02/27/2024 CMO & EVP Dev & Med Affairs																			
(Last)	(1	First)		- <u>  -</u>	ALNY 3. Date of Earliest Transaction (Month/Day/Year)									r (give title						
		1. Name and Address of Reporting Person Garg Pushkal											Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director 10% Owner							

## **Explanation of Responses:**

- 1. Represents shares automatically sold by the Company on behalf of the reporting person pursuant to a mandatory sell-to-cover provision in the award agreement required to cover minimum statutory tax withholding obligations that became due upon the vesting and settlement of restricted stock units reported in this form.
- 2. The price reported represents the weighted average sales price of shares sold in multiple transactions at prices ranging from \$153.94 to \$154.94. The reporting person will provide to the issuer, any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- 3. The price reported represents the weighted average sales price of shares sold in multiple transactions at prices ranging from \$154.95 to \$155.95. The reporting person will provide to the issuer, any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- 4. The price reported represents the weighted average sales price of shares sold in multiple transactions at prices ranging from \$155.96 to \$156.91. The reporting person will provide to the issuer, any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range
- 5. The price reported represents the weighted average sales price of shares sold in multiple transactions at prices ranging from \$157.01 to \$157.99. The reporting person will provide to the issuer, any security holder of the issuer or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- 6. Reflects shares of ALNY common stock acquired by the reporting person under the issuer 401(k) plan as a result of the issuer 401(k) matching contribution program.
- 7. Represents shares held in trust, of which the reporting persons spouse is co-trustee. The reporting person disclaims beneficial ownership of these shares, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
- 8. Each restricted stock unit represents a contingent right to receive one share of ALNY common stock.
- 9. On February 27, 2023, the reporting person was granted 5,724 restricted stock units that vest ratably on each of the first, second and third anniversaries of the Grant Date. On February 27, 2024, the first tranche of restricted stock units from the February 27, 2023 grant vested and was released, as reported on this Form 4.

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

- $^{\star}$  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.

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.