

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

**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

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

1. Name and Address of Reporting Person* <u>FMR LLC</u>  (Last) (First) (Middle) 245 SUMMER STREET  (Street) BOSTON MA 02210  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Xilio Therapeutics, Inc. [ XLO ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) See Remark 1
	3. Date of Earliest Transaction (Month/Day/Year) 10/26/2021	
	4. 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 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								26,315	I	F-Prime Capital Partners Healthcare Fund IV LP
Common Stock	10/26/2021		C		789,473	A	(1)	815,788	I	F-Prime Capital Partners Healthcare Fund IV LP
Common Stock	10/26/2021		C		686,499	A	(1)	1,502,287	I	F-Prime Capital Partners Healthcare Fund IV LP
Common Stock	10/26/2021		C		28,703	A	(1)	1,530,990	I	F-Prime Capital Partners Healthcare Fund IV LP
Common Stock	10/26/2021		C		372,215	A	(1)	372,215	I	Impresa Fund III Limited Partnership
Common Stock	10/26/2021		C		4,465	A	(1)	4,465	I	F-Prime Capital Partners Healthcare Advisors Fund IV LP

**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
Series A Preferred Stock	(1)	10/26/2021		C		7,500,000		(1)	(1)	Common Stock	789,473	(1)	0	I	F-Prime Capital Partners Healthcare Fund IV LP

**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						
Series A-1 Preferred Stock	(1)	10/26/2021		C			6,521,739	(1)	(1)	Common Stock	686,499	(1)	0	I	F-Prime Capital Partners Healthcare Fund IV LP		
Series B Preferred Stock	(1)	10/26/2021		C			272,687	(1)	(1)	Common Stock	28,703	(1)	0	I	F-Prime Capital Partners Healthcare Fund IV LP		
Series B Preferred Stock	(1)	10/26/2021		C			3,536,046	(1)	(1)	Common Stock	372,215	(1)	0	I	Impresa Fund III Limited Partnership		
Series B Preferred Stock	(1)	10/26/2021		C			42,421	(1)	(1)	Common Stock	4,465	(1)	0	I	F-Prime Capital Partners Healthcare Advisors Fund IV LP		

**Explanation of Responses:**

1. On October 26, 2021, in connection with the completion of the issuer's initial public offering, each share of Series A, A-1, and B Preferred Stock converted on a 1-for-9.5 basis into shares of Common Stock.

**Remarks:**

Remark 1: Abigail P. Johnson is a Director, the Chairman and the Chief Executive Officer of FMR LLC. Members of the Johnson family, including Abigail P. Johnson, are the predominant owners, directly or through trusts, of Series B voting common shares of FMR LLC, representing 49% of the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC. The address of Abigail P. Johnson is c/o FMR LLC, 245 Summer Street, Boston, MA 02110. Remark 2: The filing of this statement shall not be deemed to be an admission that, for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise, the undersigned are the beneficial owners of any securities reported herein. Remark 3: F-Prime Capital Partners Healthcare Advisors Fund IV LP (FPCPHA) is the general partner of F-Prime Capital Partners Healthcare Fund IV LP. FPCPHA is solely managed by Impresa Management LLC, the managing member of its general partner and its investment manager. Impresa Fund III Limited Partnership is solely managed by Impresa Management LLC, its general partner and investment manager. Impresa Management LLC is owned, directly or indirectly, by various shareholders and employees of FMR LLC, including certain members of the Johnson family.

Kevin M. Meagher, Duly  
authorized under Powers of  
Attorney, by and on behalf of  
FMR LLC and its direct and  
indirect subsidiaries, and  
Abigail P. Johnson      10/28/2021

\*\* 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.

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.