### **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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**Under the Securities Exchange Act of 1934** (Amendment No. )\*

# Leap Therapeutics, Inc. (Name of Issuer)

Common Stock, par value \$0.001 per share (Title of Class of Securities)

> 52187K101 (CUSIP Number)

April 10, 2024 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed: ☐ Rule 13d-1(b) ☑ Rule 13d-1(c)

☐ Rule 13d-1(d)

The information required in the remainder of this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

### CUSIP NO. 52187K101

1	1 NAMES OF REPORTING PERSONS				
	Gilead Scien	ices,	Inc.		
2	CHECK TH	E A	PPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)		
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3	SEC USE O	NLX	γ		
	S SEC USE OILLI				
4	4 CITIZENSHIP OR PLACE OF ORGANIZATION				
-	CITIZENSIIII ORTEACE OF ORGANIZATION				
	Delaware				
		5	SOLE VOTING POWER		
NUMBER OF SHARES			5,319,148		
		6	SHARED VOTING POWER		
	NEFICIALLY				
OWNED BY					
EACH		7	SOLE DISPOSITIVE POWER		
REPORTING					
PERSON			5,319,148		
WITH		8	SHARED DISPOSITIVE POWER		
			0		
9	9   AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	5,319,148				
10	CHECK BO	XI	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
11	1 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	13.9%(1)				
12	TYPE OF REPORTING PERSON*				
	CO				

<sup>(1)</sup> Based on 25,603,471 shares of the common stock, par value \$0.001 (the "Common Stock") of Leap Therapeutics, Inc. (the "Issuer") issued and outstanding as of April 9, 2024, plus (A) 5,319,148 shares of Common Stock issued to the Reporting Person and (B) 7,341,845 shares of Common Stock issued to other investors, in each case on April 15, 2024, based on information provided by the Issuer.

### Item 1(a) Name of Issuer: Leap Therapeutics, Inc. (the "Issuer") Item 1(b) **Address of Issuer's Principal Executive Offices:** 47 Thorndike Street, Suite B1-1 Cambridge, Massachusetts 02141 Item 2(a) **Name of Person Filing:** Gilead Sciences, Inc. Item 2(b) Address of Principal Business Office or, if none, Residence: 333 Lakeside Drive Foster City, California 94404 Item 2(c) **Citizenship:** Delaware Item 2(d) **Title of Class of Securities:** Common Stock, par value \$0.001 per share

Item 2(e)

**CUSIP No.:** 52187K101

Item 3		If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b), check whether the person filing is a:				
(a)		Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);				
(b)		Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);				
(c)		Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);				
(d)		Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);				
(e)		An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);				
(f)		An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);				
(g)		A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);				
(h)		A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);				
(i)		A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);				
(j)		A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);				
(k)		Group, in accordance with § 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:				

### Item 4 Ownership:

(a) Amount beneficially owned: 5,319,148

(b) Percent of class: 13.9%<sup>(1)</sup>

(c) Number of shares as to which such person has:

(i) Sole power to vote or direct the vote: 5,319,148

(ii) Shared power to vote or direct the vote: 0

(iii) Sole power to dispose or direct the disposition: 5,319,148

(iv) Shared power to dispose or direct the disposition: 0

Based on 25,603,471 shares of Common Stock issued and outstanding as of April 9, 2024, plus (A) 5,319,148 shares of Common Stock issued to the Reporting Person and (B) 7,341,845 shares of Common Stock issued to other investors, in each case on April 15, 2024, based on information provided by the Issuer.

### Item 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof each of the Reporting Persons has ceased to be the beneficial owner of more than five percent of the class of securities, check the following  $\Box$ .

### Item 6 Ownership of More Than Five Percent on Behalf of Another Person:

N/A

## Item 7 <u>Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:</u>

N/A

### Item 8 <u>Identification and Classification of Members of the Group:</u>

N/A

#### Item 9 Notice of Dissolution of Group:

N/A

### Item 10 <u>Certification</u>:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

### **SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: April 19, 2024

### Gilead Sciences, Inc.

By: /s/ Andrew D. Dickinson

Name: Andrew D. Dickinson

Title: Executive Vice President and Chief Financial

Officer