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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**SCHEDULE 13G**

Under the Securities Exchange Act of 1934  
(Amendment No. 1)\*

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**ALLOVIR, INC.**  
(Name of Issuer)

Common Stock, \$0.0001 per value  
(Title of Class of Securities)

019818103  
(CUSIP Number)

December 31, 2023  
(Date of Event Which Requires Filing of this Statement)

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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)

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\* 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.

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).

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|--|---|---|
| 1  | <b>NAMES OF REPORTING PERSONS</b><br>Gilead Sciences, Inc.  |   |
| 2  | <b>CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)</b><br>(a) <input type="checkbox"/> (b) <input type="checkbox"/> |   |
| 3  | <b>SEC USE ONLY</b>   |   |
| 4  | <b>CITIZENSHIP OR PLACE OF ORGANIZATION</b><br>Delaware   |   |
| <b>NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH</b> | 5   | <b>SOLE VOTING POWER</b><br>16,635,286      |
|  | 6   | <b>SHARED VOTING POWER</b><br>0             |
|  | 7   | <b>SOLE DISPOSITIVE POWER</b><br>16,635,286 |
|  | 8   | <b>SHARED DISPOSITIVE POWER</b><br>0        |
| 9  | <b>AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON</b><br>16,635,286   |   |
| 10   | <b>CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES</b><br><input type="checkbox"/>                                 |   |
| 11   | <b>PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)</b><br>14.6% <sup>(1)</sup>  |   |
| 12   | <b>TYPE OF REPORTING PERSON*</b><br>CO  |   |

<sup>(1)</sup> Percentage based on 114,063,336 shares of Common Stock outstanding as of October 27, 2023, as disclosed in the Issuer's Quarterly Report on Form 10-Q ("Form 10-Q") filed with the U.S. Securities and Exchange Commission ("SEC") on November 2, 2023.

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**Item 1(a) Name of Issuer:**

AlloVir, Inc. (the "Issuer")

**Item 1(b) Address of Issuer's Principal Executive Offices:**

1100 Winter Street  
Waltham, Massachusetts 02451

**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, \$0.0001 par value

**Item 2(e) CUSIP No.:**

019818103

**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: 16,635,286
- (b) Percent of class: 14.6%<sup>(2)</sup>
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or direct the vote: 16,635,286
  - (ii) Shared power to vote or direct the vote: 0
  - (iii) Sole power to dispose or direct the disposition: 16,635,286
  - (iv) Shared power to dispose or direct the disposition: 0

<sup>(2)</sup> Percentage based on 114,063,336 shares of Common Stock outstanding as of October 27, 2023, as disclosed in the Issuer's Form 10-Q filed with the SEC on November 2, 2023.

**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 .

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

N/A

**Item 7**     **Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:**

N/A

**Item 8**     **Identification and Classification of Members of the Group:**

N/A

**Item 9**     **Notice of Dissolution of Group:**

N/A

**Item 10**    **Certification:**

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: February 13, 2024

**Gilead Sciences, Inc.**

By: /s/ Andrew D. Dickinson

Name: Andrew D. Dickinson

Title: Executive Vice President and Chief Financial Officer