FORM 4

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

OMB APPROVAL 3235-0287 OMB Number: STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Estimated average burden hours per response 0.5 Instruction 1(b) 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 to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity the purchase of sale of equily securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person (Check all applicable) KalVista Pharmaceuticals, Inc. [KALV] Yea Christopher Director 10% Owner Officer (give title Other (specify 1 below) below) 3. Date of Earliest Transaction (Month/Dav/Year) (First) (Middle) (Last) CHIEF DEVELOPMENT OFFICER 08/17/2024 C/O KALVISTA PHARMACEUTICALS, INC 55 CAMBRIDGE PARKWAY, SUITE 901E 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) (Street) Form filed by One Reporting Person 1 CAMBRIDGE 02142 MA Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 6. Ownership 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 5. Amount of 7. Nature of Execution Date Transaction orm: Direct Indirect Beneficial Date (Month/Day/Year) Securities Beneficially (D) or Indirect if anv Code (Instr. (Month/Dav/Year 8) **Owned Following** (I) (Instr. 4) Ownership Reported (Instr. 4) (A) or (D) Transaction(s) Code v Price Amount (Instr. 3 and 4) Common Stock 08/17/2024 м 11.495 A (1) 91,569 D s(2) \$12.0133(3) Common Stock 08/19/2024 7,102 D 84,467 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 9. Number of 11. Nature 1 Title of 3. Transaction 3A. Deemed 5. Number 6 Date Exercisable and 7 Title and 8. Price of 10 Expiration Date (Month/Day/Year) Amount of Securities Underlying Derivative S Execution Date Derivative of Indirect Derivative Conversion Transaction derivative Ownership (Month/Day/Year) Derivative Security (Instr. 3) or Exercise Price of if any (Month/Day/Year) Code (Instr. Security (Instr. 5) Securitie Form: Beneficial Direct (D) 8 Securities Beneficially Ownership Acquired (A) or Disposed Derivative Security Security Owned Following or Indirect (I) (Instr. 4) (Instr. 4) (Instr. 3 and 4) Reported of (D) (Instr. 3, 4 saction(s) (Instr. 4) and 5) Amount Number Date Expiration (D) Date Cod ν (A) Exercisab Title Restricted Stock Unit Common (1)08/17/2024 Μ 1,773 (4)(4) 1,773 \$<mark>0</mark> 12,417 D Stock Restricted Commor 08/17/2024 (5) (5) 2.430 12,153 D 2.430 Μ **\$**0 Stock Unit Stock Performance Commor (6) 08/17/2024 М 7 2 9 2 (6) 7,292 \$<mark>0</mark> 7,291 D Stock Units Stock Explanation of Responses: 1. Each restricted stock unit ("RSU") and performance stock unit ("PSU") represents a contingent right to receive 1 share of the Issuer's Common Stock upon settlement for no consideration. 2. The sale reported on this Form 4 represents shares sold by the Reporting Person to cover tax withholding obligations in connection with the vesting and settlement of RSUs and PSUs. The sale was to satisfy tax withholding obligations to be funded by a "sell to cover" transaction and does not represent a discretionary transaction by the Reporting Person. 3. The reported price in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$11.47 to \$12.35 per share, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote 4. 1/16th of the total number of shares subject to the RSU shall vest on each quarterly anniversary of the Vesting Commencement Date commencing on August 17, 2022, subject to continued service through each vesting date

5. 1/12th of the total number of shares subject to the RSU shall vest on each quarterly anniversary of the Vesting Commencement Date commencing on November 17, 2022, subject to continued service through each vesting date.

6. Shares earned upon the vesting of a percentage of the PSUs granted to the Reporting Person on January 10, 2024. Each PSU represents a contingent right to receive one share of Issuer common stock upon the Issuer's achievement of Performance Metrics. 1/4th of the total number of shares subject to the PSU shall vest on each quarterly anniversary of the Vesting Commencement Date of February 17, 2024, upon Performance Metrics achieved, subject to continued service through each vesting date.

> /s/ Benjamin L. Palleiko, Attorney-in-Fact

** Signature of Reporting Person

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.

08/21/2024

Date