FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, I | D.C. | 20549 |
|---------------|------|-------|
|---------------|------|-------|

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| 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 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person*     Nielsen Jack   |        |            |                  |   | 2. Issuer Name and Ticker or Trading Symbol ALX ONCOLOGY HOLDINGS INC ALXO] |  |  |     |                     |                  |                        |                      | Relationship of Reporting (Check all applicable)     X Director     Officer (give title)                                   |             |  |   | 10% Owner  |   |  |
|--|--------|------------|------------------|---|---|--|--|-----|---------------------|------------------|------------------------|----------------------|--|-------------|--|---|------------|---|--|
| (Last) (First) (Middle) C/O VIVO CAPITAL LLC 192 LYTTON AVENUE   |        |            |                  | 3. Date of Earliest Transaction (Month/Day/Year) 06/15/2022 |   |  |  |     |                     |                  |                        |                      | below)   | (give title |  | Other (s<br>below)  | респу      |   |  |
| (Street) PALO A (City)   |        |            | 94301<br>(Zip)   |   | 4. If   | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |     |                     |                  |                        | 6. Inc<br>Line)<br>X |  |             |  |   |            |   |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |        |            |                  |   |   |  |  |     |                     |                  |                        |                      |  |             |  |   |            |   |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D   |        |            |                  | Execution Date,   |   |  | Code (Instr. 5)  |     |                     |                  | 4 and Securitie        |                      | es Formally (D) (Following (I) (I  |             | : Direct<br>r Indirect<br>str. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |            |   |  |
|  |        |            |                  |   |   |  | Code   | V   | Amount              | t (A) or Pi      |                        | ice                  | Transact<br>(Instr. 3 a  | action(s)   |  |   | (111501.4) |   |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |        |            |                  |   |   |  |  |     |                     |                  |                        |                      |  |             |  |   |            |   |  |
|  |        |            | ransad<br>ode (I | ansaction of ode (Instr. Derivative                         |   |  | 6. Date Exercisable and Expiration Date (Month/Day/Year)  (Month/Day/Year)  7. Title and Am of Securities Underlying Derivative Sectionstr. 3 and 4) |     |                     | ies<br>g<br>Secu | Derivative<br>Security |                      | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) |             | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)                             |            |   |  |
|  |        |            |                  | c   | ode   | v  | (A)  | (D) | Date<br>Exercisable |                  | expiration<br>tate     | Title                | Amo<br>or<br>Num<br>of<br>Shar   | ber         |  |   |            |   |  |
| Stock<br>Option<br>(right to<br>buy)   | \$6.67 | 06/15/2022 |                  |   | A   |  | 12,004   |     | (1)                 | 0                | 6/14/2032              | Common<br>Stock      | 12,0   | 004         | \$0.00   | 12,004  | 1          | D |  |

## **Explanation of Responses:**

1. Shares subject to the option vest in 12 equal monthly installments on the same day of the month as the grant date, or if earlier, the day immediately before the day of the next annual meeting of stockholders.

## Remarks:

/s/ Peter Garcia, by power of attorney 06/16/2022

\*\* Signature of Reporting Person Date

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

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.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).