FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |       |  |  |  |  |  |  |  |  |  |  |
|--------------------------|-------|--|--|--|--|--|--|--|--|--|--|
| OMB Number: 3235-028     |       |  |  |  |  |  |  |  |  |  |  |
| 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*     Gordon David N.  |   |  |  | 2. Issuer Name and Ticker or Trading Symbol Aclaris Therapeutics, Inc. [ ACRS ] |                                      |                               |                                      |   |  |              |                              |   | all app<br>Direc                           | licable)<br>tor<br>er (give title |  |  | wner   |                                       |   |
|--|---|--|--|---|--------------------------------------|-------------------------------|--------------------------------------|---|--|--------------|------------------------------|---|--|-----------------------------------|--|--|--|---------------------------------------|---|
| (Last) (First) (Middle) C/O ACLARIS THERAPEUTICS, INC. 640 LEE ROAD, SUITE 200   |   |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 07/13/2021                     |                                      |                               |                                      |   |  |              |                              |   | belov<br>(                                 | ow) below) Chief Medical Officer  |  |  |  |                                       |   |
| (Street) WAYNE (City)  | WAYNE PA 19087  |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                        |                                      |                               |                                      |   |  |              |                              | 3. Indiv<br>Line)<br>X                                | ′  |                                   |  |  |  |                                       |   |
| (Oity)   | (50   |  |  | Non-Deriva  | tive                                 | Secui                         | rities                               | Δα  | nuira  | ad D         | isnosed (                    | of or l   | Renefic                                    | vially                            | Own  | ed                                       |  |                                       |   |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Yea  |   |  |  |   | 2<br>ear) if                         | 2A. Deemed<br>Execution Date, |                                      | 3<br>T<br>C   | 3. Transaction Code (Instr. 8) 4. Securities Ad Disposed Of (D |              |                              | Acquire   | d (A) or                                   | 5. Amo                            |  | ount of<br>ties<br>cially<br>d Following |  | Direct                                | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |  |   |                                      |                               |                                      | ode   | v  | Amount       | (A) or<br>(D)                | Price   |  | Transa                            | ransaction(s)<br>Instr. 3 and 4)   |  | -,   | (msur 4)                              |   |
| Common Stock 07/13/2021  |   |  |  | 1   |                                      |                               | S <sup>(1)</sup>                     |   | 2,631  | D            | \$16.98                      | 5.9801 <sup>(2)</sup>                                 |  | 147,447                           |  | D  |  |                                       |   |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |  |   |                                      |                               |                                      |   |  |              |                              |   |  |                                   |  |  |  |                                       |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2. Conversion Otate (Month/Day/Year)  3. Transaction Date Execution Date, if any (Month/Day/Year) |  |  |   | Transaction of Code (Instr. Derivati |                               | ative<br>ities<br>red<br>sed<br>3, 4 | er 6. Date Exercisable and Expiration Date (Month/Day/Year) |  |              | Amo<br>Secu<br>Unde<br>Deriv | le and unt of rities erlying rative rity (Instr. i 4) | 8. Price of Derivative Security (Instr. 5) |                                   | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | / O<br>F-<br>D<br>o<br>(!)               | 0.<br>Dwnership<br>form:<br>Direct (D)<br>r Indirect<br>) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |   |
|  |   |  |  |   | Code                                 | v                             | (A)                                  | (D)   | Date<br>Exe  | e<br>rcisabl | Expiration<br>Date           | Title   | of   |                                   |  |  |  |                                       |   |

## **Explanation of Responses:**

- 1. Shares sold to satisfy withholding tax obligations upon the delivery of shares of common stock for restricted stock units that vested on July 2, 2021 pursuant to preexisting sell-to-cover elections.
- 2. The price reported is a weighted average sales price. The shares were sold in multiple transactions at prices ranging from \$16.9755 to \$17.00, inclusive. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

## Remarks:

/s/ Mark Ballantyne, Attorney- 07/14/2021 in-Fact

\*\* 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.