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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Check this box if no longer subject to |
|--|
| Section 16. Form 4 or Form 5           |
| obligations may continue. See          |
| Instruction 1(b).                      |
|  |

# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPRC                | VAL       |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |
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| hours per response:      | 0.5       |  |  |  |  |  |

| 1. Name and Addres<br>Flynn James | ss of Reporting Perso<br><u>E</u> | n*             | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>Aclaris Therapeutics, Inc.</u> [ ACRS ] | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director X 10% Owner  |
|-----------------------------------|-----------------------------------|----------------|--|---|
| (Last)<br>780 THIRD AVI           | (First)<br>ENUE, 37TH FLC         | (Middle)       | 3. Date of Earliest Transaction (Month/Day/Year)<br>05/09/2019                                   | Officer (give title Other (specify below) below)  |
| (Street)<br>NEW YORK<br>(City)    | NY<br>(State)                     | 10017<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)   | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>Form filed by One Reporting Person<br>X Form filed by More than One Reporting<br>Person |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) |   | 4. Securities<br>Disposed Of | Acquired<br>(D) (Instr | (A) or<br>. 3, 4 and 5)        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)                |
|---------------------------------|--|---|---|---|------------------------------|------------------------|--------------------------------|---|---|--|
|                                 |  |   | Code                                    | v | Amount (A) or (D)            |                        | Price                          | Transaction(s)<br>(Instr. 3 and 4)  |   |  |
| Common Stock                    | 05/09/2019                                 |   | S                                       |   | 261,345                      | D                      | <b>\$6.1575</b> <sup>(1)</sup> | 4,220,443   | Ι   | Through<br>Deerfield<br>Partners,<br>L.P. <sup>(2)(3)</sup>                      |
| Common Stock                    | 05/09/2019                                 |   | S                                       |   | 172,800                      | D                      | \$6.1575 <sup>(1)</sup>        | 1,238,828   | I   | Through<br>Deerfield<br>Special<br>Situations<br>Fund,<br>L.P. <sup>(2)(3)</sup> |
| Common Stock                    | 05/10/2019                                 |   | S                                       |   | 108,696                      | D                      | \$6.0492 <sup>(4)</sup>        | 4,111,747   | I   | Through<br>Deerfield<br>Partners,<br>L.P. <sup>(2)(3)</sup>                      |
| Common Stock                    | 05/10/2019                                 |   | S                                       |   | 71,869                       | D                      | \$6.0492 <sup>(4)</sup>        | 1,166,959   | I   | Through<br>Deerfield<br>Special<br>Situations<br>Fund,<br>L.P. <sup>(2)(3)</sup> |

| 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.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   |     | of Expiration Date<br>Derivative Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4 |                     | ate                | and 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr. 3<br>and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 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) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |   |  |   | Code                         | v | (A) | (D)   | Date<br>Exercisable | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |
| 1. Name an<br><u>Flynn J</u>   |   | Reporting Person <sup>*</sup>              |   |                              |   |     |   |                     |                    |   |  |   |  |  |  |
| (Last)<br>780 THII   |   | (First)<br>JE, 37TH FLOO                   | (Middle)<br>R   |                              |   |     |   |                     |                    |   |  |   |  |  |  |
| (Street)<br>NEW YC   | ORK   | NY   | 10017   |                              |   |     |   |                     |                    |   |  |   |  |  |  |
| (City)   |   | (State)                                    | (Zip)   |                              |   |     |   |                     |                    |   |  |   |  |  |  |

| 1. Name and Address o<br>Deerfield Mgmt   |  |                      |  |  |  |  |  |
|---|--|----------------------|--|--|--|--|--|
| (Last)<br>780 THIRD AVEN<br>37TH FLOOR  | (First)<br>UE                                    | (Middle)             |  |  |  |  |  |
| (Street)<br>NEW YORK  | NY   | 10017                |  |  |  |  |  |
| (City)  | (State)  | (Zip)                |  |  |  |  |  |
| 1. Name and Address of<br>DEERFIELD M<br>L.P. (SERIES C<br>(Last)<br>780 THIRD AVEN | IANAGEMENT<br>)<br>(First)                       | COMPANY,<br>(Middle) |  |  |  |  |  |
| (Street)<br>NEW YORK  | NY   | 10017                |  |  |  |  |  |
| (City)  | (State)  | (Zip)                |  |  |  |  |  |
| 1. Name and Address of Reporting Person*<br>Deerfield Special Situations Fund, L.P. |  |                      |  |  |  |  |  |
| (Last)<br>780 3RD AVENUE<br>37TH FLOOR  | (First)  | (Middle)             |  |  |  |  |  |
| (Street)<br>NEW YORK  | NY   | 10017                |  |  |  |  |  |
| (City)  | (State)  | (Zip)                |  |  |  |  |  |
| 1. Name and Address o<br><u>DEERFIELD P</u>   | f Reporting Person <sup>*</sup><br>ARTNERS, L.P. |                      |  |  |  |  |  |
| (Last)<br>780 THIRD AVEN<br>37TH FLOOR  | (First)<br>UE                                    | (Middle)             |  |  |  |  |  |
| (Street)<br>NEW YORK  | NY   | 10017                |  |  |  |  |  |
| (City)  | (State)  | (Zip)                |  |  |  |  |  |

### Explanation of Responses:

1. The price reported in Column 4 represents a weighted average price. The shares were sold in multiple transactions at prices ranging from \$6.00 to \$6.61, inclusive. The reporting persons undertake 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 ranges set forth in footnotes (1) and (4) of this Form 4.

2. This Form 4 is being filed by the undersigned as well as the entities listed on the Joint Filer Information Statement attached as an exhibit hereto (the "Reporting Persons"). Deerfield Mgmt, L.P. is the general partner of Deerfield Partners, L.P. ("Deerfield Partners") and Deerfield Special Situations Fund, L.P. (collectively with Deerfield Partners, the "Funds"). Deerfield Management Company, L.P. is the investment manager of the Funds. James E. Flynn is the sole member of the general partner of each of Deerfield Mgmt, L.P. and Deerfield Management Company, L.P.

3. In accordance with Instruction 4(b)(iv) to Form 4, the entire amount of the Issuer's securities held by the Funds is reported herein. For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, each Reporting Person disclaims beneficial ownership of any such securities, except to the extent of his/its indirect pecuniary interest therein, if any, and this report shall not be deemed an admission that such Reporting Person is the beneficial owner of such securities for purposes of Section 16 or otherwise.

4. The price reported in Column 4 represents a weighted average price. The shares were sold in multiple transactions at prices ranging from \$6.00 to \$6.12, inclusive.

#### **Remarks:**

Jonathan Isler, Attorney-in-Fact: Power of Attorney, which is hereby incorporated by reference to Exhibit 24 to a Form 3 with regard to Proteon Therapeutics, Inc. filed with the Securities and Exchange Commission on August 4, 2017 by Deerfield Special Situations Fund, L.P., Deerfield Partners, L.P., Deerfield International Master Fund, L.P., Deerfield Private Design Fund III, L.P., Deerfield Private Design Fund IV, L.P., Deerfield Mgmt IV, L.P., Deerfield Mgmt IV, L.P., Deerfield Management Company, L.P., and James E. Flynn. See footnote (1)

/s/ Jonathan Isler, Attorney-in-Fact 05/13/2019

\*\* Signature of Reporting Person Date

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

 $\ast$  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.

Joint Filer Information

| Names:   | Deerfield Mgmt, L.P., Deerfield Management Company, L.P.,<br>Deerfield Partners, L.P. and Deerfield Special Situations Fund, L.P. |
|--|---|
| Address:   | 780 Third Avenue, 37 <sup>th</sup> Floor<br>New York, NY 10017  |
| Designated Filer:  | James E. Flynn  |
| Issuer and Ticker Symbol:                                | Aclaris Therapeutics, Inc. [ACRS]   |
| Date of Earliest Transaction<br>Required To be Reported: | May 9, 2019   |

The undersigned, Deerfield Mgmt, L.P., Deerfield Management Company, L.P., Deerfield Partners, L.P. and Deerfield Special Situations Fund, L.P. are jointly filing the attached Statement of Changes in Beneficial Ownership on Form 4 with James E. Flynn with respect to the beneficial ownership of securities of Aclaris Therapeutics, Inc.

Signatures:

DEERFIELD MGMT, L.P. By: J.E. Flynn Capital, LLC, General Partner

By: <u>/s/ Jonathan Isler</u> Jonathan Isler, Attorney-In-Fact

DEERFIELD MANAGEMENT COMPANY, L.P. By: Flynn Management LLC, General Partner

By: <u>/s/ Jonathan Isler</u> Jonathan Isler, Attorney-In-Fact DEERFIELD SPECIAL SITUATIONS FUND, L.P. By: Deerfield Mgmt, L.P., General Partner By: J.E. Flynn Capital, LLC, General Partner

By: <u>/s/ Jonathan Isler</u> Jonathan Isler, Attorney-In-Fact

DEERFIELD PARTNERS, L.P. By: Deerfield Mgmt, L.P., General Partner By: J.E. Flynn Capital, LLC, General Partner

By: <u>/s/ Jonathan Isler</u> Jonathan Isler, Attorney-In-Fact