UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q/A

(Amendment No. 1)

(Mark one)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF х 1934

For the quarterly period ended September 30, 2015

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF O 1934

to

For the transition period from

Commission File Number 001-37581

Aclaris Therapeutics, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

101 Lindenwood Drive, Suite 400 Malvern, PA

(Address of principal executive offices)

(484) 324-7933

(Registrant's telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last report)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes o No x

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes x No o

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Securities Exchange Act of 1934.

Large accelerated filer o

Non-accelerated filer x (Do not check if a smaller reporting company) Accelerated filer o

Smaller reporting company o

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Securities Exchange Act of 1934). Yes o No x

The number of outstanding shares of the registrant's common stock, par value \$0.00001 per share, as of the close of business on November 17, 2015 was 20,157,503.

46-0571712 (I.R.S. Employer Identification No.)

19355

(Zip Code)

EXPLANATORY NOTE

The purpose of this Amendment No. 1 on Form 10-Q/A (the "Amendment") to Aclaris Therapeutics, Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2015, as filed with the Securities and Exchange Commission on November 18, 2015 (the "Form 10-Q"), is to furnish Exhibit 101 to the Form 10-Q which contains the XBRL (eXtensible Business Reporting Language) Interactive Data File for the financial statements and notes included in Part I, Item 1 of the Form 10-Q.

This Amendment speaks as of the original filing date of the Form 10-Q, does not reflect events that may have occurred subsequent to the original filing date and does not modify or update in any way disclosures made in the original Form 10-Q.

| PART II | | | | |
|------------------|--|--|--|--|
| Item 6. Exhibits | | | | |
| Exhibit No. | Document | | | |
| 3.1* | Amended and Restated Certificate of Incorporation of the Registrant (incorporated herein by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001-37581), filed with the Commission on October 13, 2015). | | | |
| 3.2* | Amended and Restated Bylaws of the Registrant (incorporated herein by reference to Exhibit 3.2 to the Registrant's Current Report on Form 8-K (File No. 001-37581), filed with the Commission on October 13, 2015). | | | |
| 4.1* | Specimen stock certificate evidencing shares of Common Stock (incorporated herein by reference to Exhibit 4.1 to Amendment No. 2 to the Registrant's Registration Statement on Form S-1 (File No. 333-206437), filed with the Commission on September 25, 2015). | | | |
| 10.1* | Amended and Restated Employment Agreement, by and between the Registrant and Neal Walker, dated as of October 5, 2015. | | | |
| 10.2* | Employment Agreement, by and between the Registrant and Stuart Shanler, dated as of October 4, 2015. | | | |
| 10.3* | Employment Agreement, by and between the Registrant and Christopher Powala, dated as of September 17, | | | |

| Exhibit Io. | Document | |
|----------------|--|--|
| | 2015. | |
| 31.1* | Certification of Principal Executive Officer under Section 302 of the Sarbanes-Oxley Act. | |
| 31.2* | Certification of Principal Financial Officer under Section 302 of the Sarbanes-Oxley Act. | |
| 32.1* | Certifications of Principal Executive Officer and Principal Financial Officer under Section 906 of the Sarbanes-Oxley Act. | |
| 101.INS | XBRL Instance Document | |
| 101.SCH | XBRL Taxonomy Extension Schema Document | |
| 101.CAL | XBRL Taxonomy Extension Calculation Linkbase Document | |
| .01.DEF | XBRL Taxonomy Extension Definition Linkbase Document | |
| 101.LAB | XBRL Taxonomy Extension Label Linkbase Document | |
| 101.PRE | XBRL Taxonomy Extension Presentation Linkbase Document | |

* These exhibits were previously included or incorporated by reference in Aclaris Therapeutics, Inc.'s Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2015, filed with the Securities and Exchange Commission on November 18, 2015.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

| Date: December 3, 2015 | By: | /s/ Neal Walker Neal Walker President and Chief Executive Officer (On behalf of the Registrant) | |
|------------------------|-----|--|--|
| Date: December 3, 2015 | By: | /s/ Frank Ruffo Frank Ruffo Chief Financial Officer (Principal Financial Officer) | |

Exhibit Index

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