ARROWHEAD RESEARCH CORP Form 10-Q/A May 10, 2007

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q/A

AMENDMENT No. 2

(Mark One)

x QUARTERLY REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended December 31, 2006.

TRANSITION REPORT UNDER SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number 000-21898

ARROWHEAD RESEARCH CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State of incorporation)

46-0408024 (I.R.S. Employer Identification No.)

201 S. Lake Avenue, Suite 703

Pasadena, California 91101

(626) 304-3400

(Address and telephone number of principal executive offices)

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 x No "

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer " Accelerated filer x Non-accelerated filer "

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

As of May 8, 2007, the most recent practicable date, there were 35,664,349 shares of the registrant s common stock outstanding.

Transitional Small Business Disclosure Format (Check one): Yes "No x

EXPLANATORY NOTE

This Amendment No. 2 to the Quarterly Report on Form 10-Q amends the Quarterly Report on Form 10-Q, and Amendment No. 1 to the Quarterly Report on Form 10-Q of Arrowhead Research Corporation for the quarter ended December 31, 2006, filed with the Securities and Exchange Commission on February 9, 2007 and February 12, 2007, respectively (collectively, the Reports), solely to correct the inadvertent omission of certain language provided in Exhibit 31.1 and Exhibit 31.2. Each certification, as corrected by this Amendment, was true and correct as of the date of the original filing of the applicable Report.

SIGNATURE

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.

ARROWHEAD RESEARCH CORPORATION

Dated: May 10, 2007 By: /s/ Joseph T. Kingsley Joseph T. Kingsley

Chief Financial Officer

EXHIBIT INDEX

- 31.1 Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2 Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32.1 Certification of Principal Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*
- 32.2 Certification of Principal Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*

^{*} Previously filed.