

ARROWHEAD RESEARCH CORP  
Form 8-A12G/A  
October 12, 2004

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**FORM 8-A/A**

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**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES**  
**PURSUANT TO SECTION 12(B) OR 12(G) OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

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**Arrowhead Research Corporation**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
  
of incorporation)

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

**1118 East Green Street, Pasadena, CA**  
(Address of Principal Executive Offices)

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**91106**  
(Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box. "

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If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates: 333-113065

Securities to be registered pursuant to Section 12(g) of the Act:

**Title of Each Class to be so Registered**

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Warrants to Purchase Common Stock

**Name of Each Exchange on which Each Class is  
to be Registered**

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NasdaqSmall Cap Market

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This Form 8-A/A amends the Form 8-A filed by Arrowhead Research Corporation (the Company ) on February 23, 2004, registering Warrants to purchase Common Stock of the Company pursuant to Section 12(g) of the Securities and Exchange Act of 1934, as amended. This Form 8-A/A is filed solely for the purpose of filing the form of Warrant as Exhibit 4.1.

**SIGNATURES**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: October 12, 2004

ARROWHEAD RESEARCH CORPORATION

By: /s/ Joseph T. Kingsley

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Joseph T. Kingsley, Chief Financial Officer