#### Ferrari Mauro Form 3 November 19, 2010 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB APPROVAL FORM 3 Washington, D.C. 20549 OMB 3235-0104 Number: January 31, **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF** Expires: 2005 **SECURITIES** Estimated average burden hours per Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response... 0.5 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| 1. Name and Address of Reporting<br>Person <u>*</u><br>Ferrari Mauro       |           |                               | <ul><li>2. Date of Event Requiring</li><li>Statement</li><li>(Month/Day/Year)</li></ul> | 3. Issuer Name and Ticker or Trading Symbol<br>ARROWHEAD RESEARCH CORP [ARWR] |  |   |  |  |  |
|--|-----------|-------------------------------|---|---|--|---|--|--|--|
| (Last)   | (First)   | (Middle)                      | 08/18/2010  | 8/18/2010 4. Relationship of Reporting<br>Person(s) to Issuer                 |  |   | 5. If Amendment, Date Original Filed(Month/Day/Year)   |  |  |
| ARROWHE  | AD RESEA  | ARCH                          |   |   |  |   |  |  |  |
| CORPORAT   | ΓΙΟΝ, 20  | 1 SOUTH                       |   | (Check all applicable)  |  |   |  |  |  |
| LAKE AVE   | NUE, SUIT | ГЕ 703                        |   |   | 100  |   |  |  |  |
| (Street)<br>PASADENA, CA 91101   |           |                               |   | X_ Director<br>Officer<br>(give title below)                                  |  | Owner<br>:<br>ow)   | 6. Individual or Joint/Group<br>Filing(Check Applicable Line)<br>_X_ Form filed by One Reporting |  |  |
|  |           |                               |   |   |  | Person<br>Form filed by More than One<br>Reporting Person |  |  |  |
| (City)   | (State)   | (Zip)                         | Table I -   | Table I - Non-Derivative Securities Beneficially Owned                        |  |   |  |  |  |
| 1.Title of Secur<br>(Instr. 4)   | ity       |                               | 2. Amount<br>Beneficially<br>(Instr. 4)   | of Securities<br>7 Owned  | 3.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) | 4. Nat<br>Owne<br>(Instr                                  |  |  |  |
| Common Sto   | ock       |                               | 19,510  |   | D  | Â   |  |  |  |
| Reminder: Report on a separate line for each owned directly or indirectly. |           | ch class of securities benefi | cially S  | lly SEC 1473 (7-02)   |  |   |  |  |  |
|  | inform    | ation conta                   | oond to the collection o<br>ained in this form are no<br>nd unless the form disp        | ot  |  |   |  |  |  |

### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

currently valid OMB control number.

| 1. Title of Derivative | 2. Date Exercisable and | 3. Title and Amount of | 4.          | 5.         | 6. Nature of        |
|------------------------|-------------------------|------------------------|-------------|------------|---------------------|
| Security               | Expiration Date         | Securities Underlying  | Conversion  | Ownership  | Indirect Beneficial |
| (Instr. 4)             | (Month/Day/Year)        | Derivative Security    | or Exercise | Form of    | Ownership           |
|                        |                         | (Instr. 4)             | Price of    | Derivative | (Instr. 5)          |
|                        |                         |                        | Derivative  | Security:  |                     |

### Edgar Filing: Ferrari Mauro - Form 3

|                                 | Date Exercisable | Expiration<br>Date | Title           | Amount or<br>Number of<br>Shares | Security | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) |   |
|---------------------------------|------------------|--------------------|-----------------|----------------------------------|----------|--|---|
| Stock Option granted 01/18/2008 | 07/18/2008(1)    | 01/18/2018         | Common<br>Stock | 54,688                           | \$ 2.87  | D  | Â |
| Stock Option granted 09/01/2010 | 09/01/2010       | 09/01/2020         | Common<br>Stock | 200,000                          | \$ 0.96  | D  | Â |

# **Reporting Owners**

| <b>Reporting Owner Name / Address</b>  |                | Relationships |           |         |       |  |  |
|--|----------------|---------------|-----------|---------|-------|--|--|
|  |                | Director      | 10% Owner | Officer | Other |  |  |
| Ferrari Mauro<br>ARROWHEAD RESEAR<br>201 SOUTH LAKE AVEI<br>PASADENA, CA 911 | NUE, SUITE 703 | ÂX            | Â         | Â       | Â     |  |  |
| Signatures   |                |               |           |         |       |  |  |
| Mauro Ferrari  | 11/19/2010     |               |           |         |       |  |  |
| **Signature of<br>Reporting Person   | Date           |               |           |         |       |  |  |

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) Vested 9,396 shares on 07/18/2008, then vested 1,562 shares monthly until 08/18/2010 when Dr. Ferrari joined the Arrowhead Board of Directors.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.