

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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 APPROVAL                                 |           |
|--|-----------|
| OMB Number:                                  | 3235-0287 |
| Estimated average burden hours per response: | 0.5       |

|  |   |  |
|--|---|--|
| 1. Name and Address of Reporting Person*<br><u>Kendall Keith J</u><br><br>(Last) (First) (Middle)<br><u>C/O AQUESTIVE THERAPEUTICS, INC.</u><br><u>30 TECHNOLOGY DRIVE</u><br><br>(Street)<br><u>WARREN NJ 07059</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Aquestive Therapeutics, Inc. [ AQST ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><p style="text-align: center;"><b>CEO and President</b></p> |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>08/31/2018</u>                       |  |
|  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                    | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person   |

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 08/31/2018                           |  | M                              |   | 14,572  | A          | (1)     | 1,014,572 <sup>(2)</sup>  | D  |   |
| Common Stock                    | 08/31/2018                           |  | F                              |   | 6,510   | D          | \$18.01 | 1,008,062 <sup>(2)</sup>  | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |        | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)    | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Restricted Stock Unit                      | (1)  | 08/31/2018                           |  | M                              |   |  | 14,572 | (3)  | (3)             | Common Stock  | 14,572                                     | \$0  | 102,004   | D  |       |

**Explanation of Responses:**

- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- Includes 396,040 shares of common stock currently issued and outstanding, which are held by Mr. Kendall in constructive trust for his former spouse pursuant to a divorce settlement agreement reached in November 2016 and which will be transferred and come under the control of Mr. Kendall's former spouse in the near future.
- The restricted stock units vest in 8 equal (or as nearly equal as possible) quarterly installments beginning on August 31, 2018, subject in each case to Mr. Kendall's continuous service with the Issuer from the grant date through the applicable vesting date. Vested shares will be delivered to the reporting person as soon as practicable following the vesting date thereof.

/s/ Robert Arnold, as Attorney-In-Fact 09/05/2018

\*\* Signature of Reporting Person Date

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

\* 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.

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