FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
| | | |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| | OMB APPROVAL | | | | | | | | | |
|-----|-------------------|-----------|--|--|--|--|--|--|--|--|
| | OMB Number: | 3235-0287 | | | | | | | | |
| | Estimated average | burden | | | | | | | | |
| - 1 | 1. | | | | | | | | | |

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

| | | | | | | | ` | | | | | <u> </u> | | | | | | | | |
|--|---|--|---|--|---|---|-------|-----------------------------------|-------------------------|--|-------|--------------------|--|-------------------|--|---|---|---|--|--|
| 1. Name and Address of Reporting Person* HENDERSON JOHN T | | | | 2. Issuer Name and Ticker or Trading Symbol CYTOKINETICS INC [CYTK] | | | | | | | | | | eck all appli | Officer (give title Other | | son(s) to Iss | | | |
| (Last) (First) (Middle) 280 EAST GRAND AVENUE | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 10/05/2020 | | | | | | | | | | | Officer | Other (spec below) | | |
| (Street) SOUTH SAN FRANCISCO CA 94080 | | | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | | | | | | |
| | | Tab | le I - No | n-Deriv | ative | Se | curit | ies A | cqı | uired, | Dis | posed o | of, or | Bene | ficial | ly Owned | i | | | |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | 2. Transaction Date (Month/Day/Year) | | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | · | 3. Transaction Code (Instr. | | 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5) | | | (A) or 3, 4 and | Benefici Owned | es ally Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | : Direct r Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | v | Amount | (| A) or D) | Price | Transac | Reported Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | | |
| Common Stock | | | 10/05 | 5/2020 | /2020 | | | | M ⁽¹⁾ | | 1,500 | 0 | Α | \$12.96 | | 2,399 | | D | | |
| Common Stock | | | 10/05 | 5/2020 | | | | | S ⁽¹⁾ | | 1,500 | 0 | D | \$30 8 | | 899 | | D | | |
| Common Stock | | | 10/05 | /05/2020 | | | | | M ⁽¹⁾ | | 1,500 | 0 | A | \$12.9 | 2, | ,399 | | D | | |
| Common Stock | | | 10/05 | 5/2020 | | | | | S ⁽¹⁾ | | 1,500 | 0 | D | \$28 | | 899 | | D | | |
| Common Stock | | | | | | | | | | | | | | | | 83 | | | by Spouse | |
| | | Т | | | | | | | | | | osed of onverti | | | | Owned | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deeme Execution if any (Month/Da | Date, | 4. Transactio Code (Insti 8) | | | | Ex | 6. Date Exercisa Expiration Date (Month/Day/Yea | | | 7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4) | | | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4) | ly | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | Code | v | (A) | (D) | Da Ex | ate kercisabl | | xpiration ate | Title | OI N Of | umber | | | | | |
| Non- Qualified Stock Option (right to buy) | \$12.96 | 10/05/2020 | | | M ⁽¹⁾ | | | 1,500 | 02 | 2/03/201 | 1 0 | 1/03/2021 | Comr | | ,500 | \$0.0 | 2,358 | | D | |
| Non- Qualified Stock Option (right to buy) | \$12.96 | 10/05/2020 | | | M ⁽¹⁾ | | | 1,500 | 02 | 2/03/201 | 1 0 | 1/03/2021 | Comr | | ,500 | \$0.0 | 858 | | D | |

Explanation of Responses:

1. Transaction effected pursuant to a 10b5-1 plan entered into by the Reporting Person on June 3, 2020.

By: Robert Wong For: John T. Hen<u>derson</u> ** Signature of Reporting Person

10/05/2020

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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).