FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APP                  | APPROVAL  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |
| hours nor resnance       | . 05      |  |  |  |  |  |  |  |

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

| 1. Name and Address of Reporting Person* <u>Kaye Edward M. MD</u> |  |         |                              |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  CYTOKINETICS INC [ CYTK ]                  |                          |  |   |   |         |                        |                                    |  | k all app<br>Direc         | onship of Reporting F<br>Ill applicable)<br>Director   |  | 10% Owner   |                   |         |
|---|--|---------|------------------------------|----------|--|--------------------------|--|---|---|---------|------------------------|------------------------------------|--|----------------------------|--|--|---|-------------------|---------|
| (Last) (First) (Middle) 280 EAST GRAND AVENUE                     |  |         |                              |          | 3. Date of Earliest Transaction (Month/Day/Year) 10/01/2021                                    |                          |  |   |   |         |                        |                                    |  |                            | Office<br>below  | er (give title<br>r)   |   | Other (<br>below) | specify |
| (Street) SOUTH FRANCE   | ISCO CA  |         | 4080                         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                       |                          |  |   |   |         |                        |                                    | 6. Indi<br>Line)<br>X  | Form                       | or Joint/Group Filing (Check Applicable orm filed by One Reporting Person orm filed by More than One Reporting erson |  |   |                   |         |
| (City)  | (St  | ate) (Z | Zip)                         |          |  |                          |  |   |   |         |                        |                                    |  |                            |  |  |   |                   |         |
|   |  | Table   | I - No                       | n-Deriva | tive S   | Secui                    | rities   | Acq   | uired   | , Dis   | posed of               | , or B                             | enefi  | cially                     | Own  | ed   |   |                   |         |
| 1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day)    |  |         |                              |          | Execution Date,  |                          |  | 3.<br>Transaction<br>Code (Instr. 8)  4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4) |   |         | ired (A)<br>nstr. 3, 4 | 4 and Secur<br>Benef               |  | ies<br>cially<br>Following | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  |  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                   |         |
|   |  |         |                              |          |  | Code V Amount (A) or (D) |  |   |   | or Pric | e                      | Transaction(s)<br>(Instr. 3 and 4) |  |                            |  | (111341.4)   |   |                   |         |
| Common Stock 10/01/20   |  |         |                              |          |  | 2021                     |  | A <sup>(1)</sup>  |   | 306     | A                      | \$3                                | 6.74   | 74 6,765 <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<br>Derivative<br>Security<br>(Instr. 3)               | Derivative Security Instr. 3)  Date (Month/Day/Year)   Execution Date, if any (Month/Day/Year)   Execution Date, if any (Month/Day/Year)     |         | 4.<br>Transa<br>Code (<br>8) |          | Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |                          | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Exercisable Expiration Date |   | 7. Title and Amount of Securities Underlying Derivative Security (Inst 3 and 4)  Amour or Numbe of Title Shares |         | t<br>r                 |                                    | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) |                            | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4)   | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |                   |         |

## **Explanation of Responses:**

- 1. Shares issued at Reporting Person's election pursuant to Issuer's stock in lieu of cash for all or part of directors' annual base retainer program. Shares are full vested from the moment of grant. Shares issued at per share price of \$36.74, representing the Issuer's closing stock price on October 1, 2021.
- 2. Amount includes 1,765 shares of common stock received at Reporting Person's election pursuant Issuer's stock in lieu of cash for all or part of directors' annual base retainer program.

By: Robert Wong For: Edward 10/04/2021 <u>Kaye</u>

\*\* 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.

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.