## FORM 5

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

|    | -  |     | _    | -  |   |     | _ | _   | _  | - |
|----|----|-----|------|----|---|-----|---|-----|----|---|
| Wa | as | hir | ngto | n, | D | .C. | 2 | 054 | 49 | 9 |

## **ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

|     | OMB APPI                 | ROVAL     |  |  |  |  |  |  |  |  |
|-----|--------------------------|-----------|--|--|--|--|--|--|--|--|
|     | OMB Number:              | 3235-0362 |  |  |  |  |  |  |  |  |
|     | Estimated average burden |           |  |  |  |  |  |  |  |  |
| - 1 | hours per response.      | 1.0       |  |  |  |  |  |  |  |  |

| Form 3   | 3 Holdings Rep |   | OW                                      | ME   | КЭПІР   |                   |                                     |                   |          | hou                 | rs per resp  | onse:   | 1.0   |       |                         |  |
|--|----------------|---|---|--|---|-------------------|-------------------------------------|-------------------|----------|---------------------|--|---|---|-------|-------------------------|--|
| Form 4   | 4 Transactions | Reported.   | File                                    |  |   |                   | e Securities Exch<br>ment Company A |                   |          |                     |  |   |   |       |                         |  |
| 1. Name and Address of Reporting Person* Blum Robert I   |                |   |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol CYTOKINETICS INC [ CYTK ] |   |                   |                                     |                   |          |                     | ionship<br>all appli<br>Directo                                | cable)  | Reporting Person(s) to Isoble) 10% Ow       |       | wner                    |  |
| (Last) (First) (Middle) 350 OYSTER POINT BLVD  |                |   |   |  | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2022 |                   |                                     |                   |          |                     |  | r (give title<br>Preside  | ve title Other below resident & CEO         |       | specify                 |  |
| (Street) SOUTH SAN FRANCISCO CA 94080  |                |   |   | 4. If Amendi   | 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)   | (St            |   | Zip)                                    |  |   |                   |                                     |                   |          |                     |  |   |   |       |                         |  |
| 1 Title of S   | courity (Inctr |   | I - Non-Deriva                          | 2A. Deemed   | rities Ac   | quire             | 4. Securities Ac                    | -                 |          |                     |  |   | 6.  | 17.   | lature of               |  |
| 1. Title of Security (Instr. 3)  |                | Date<br>(Month/Day/Year)                                    | Execution Date if any                   | e, Trans<br>Code   | action<br>(Instr.   | Of (D) (Instr. 3, | Securities<br>Beneficially          |                   | s<br>Ily | Ownersh<br>Form: Di | ip Ind<br>rect Bei   | Indirect<br>Beneficial  |   |       |                         |  |
|  |                |   |   | (Month/Day/Ye  | ear)   8)   |                   | Amount                              | (A) or (D)        | Price    | Is<br>Ye            | Owned at end of<br>Issuer's Fiscal<br>Year (Instr. 3 and<br>4) |   |   |       | Ownership<br>(Instr. 4) |  |
| Common Stock   |                |   | 08/18/2022                              |  | G   |                   | 3,035                               | D                 | D \$0    |                     | 406,412  |   | D   |       |                         |  |
| Common Stock   |                |   |   |  |   |                   |                                     |                   |          | 2,08                | 83   | I   | by<br>1 <sup>(1</sup>                       | Trust |                         |  |
| Common Stock   |                |   |   |  |   |                   |                                     |                   |          | 2,08                | 83   | I   | by 2 <sup>(2)</sup>                         | Trust |                         |  |
|  |                | Та  | ble II - Derivat<br>(e.g., p            |  |   |                   | , Disposed o                        |                   |          |                     | wned   | l   |   |       |                         |  |
| 1. Title of Derivative Conversion or Exercise (Instr. 3)  3. Transaction Date (Month/Day/Year) |                | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |  |   |                   |                                     | Derivative deriva |          |                     | rities Form:<br>eficially Direct (D)                           |   | 11. Natu<br>of Indire<br>Benefici<br>Owners |       |                         |  |

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transaction<br>Code (Instr.<br>8) |     |     | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                    | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 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) | 1 |
|---|---|--|---|---|-----|-----|--|--------------------|---|--|---|--|--|--|---|
|   |   |  |   |   | (A) | (D) | Date<br>Exercisable                                      | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |  |  |   |

## **Explanation of Responses:**

- 1. Shares held by The Bridget Blum 2003 Irrevocable Trust.
- 2. Shares held by The Brittany Blum 2003 Irrevocable Trust.

/s/ John Faurescu, attorney-in-01/03/2023 fact for Mr. Blum

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.