| SEC Form 4 |  |
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## FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 APPR              | OVAL      |
|-----------------------|-----------|
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| 1. Name and Address of Reporting Ferson     |         |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>CYTORI THERAPEUTICS, INC.</u> [ CYTX ] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                                  |                       |  |  |  |
|---|---------|----------|---|---|----------------------------------|-----------------------|--|--|--|
| RICKEY DAVID                                |         |          |   | X   | Director                         | 10% Owner             |  |  |  |
| (Last) (First) (Middle)<br>3020 CALLAN ROAD |         | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br>11/20/2008                                  |   | Officer (give title below)       | Other (specify below) |  |  |  |
|   |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)  | 6. Indiv<br>Line)   | ng (Check Applicable             |                       |  |  |  |
| (Street)<br>SAN DIEGO                       | CA      | 92121    |   | X   | Form filed by One Re             | porting Person        |  |  |  |
|   |         |          |   |   | Form filed by More the<br>Person | an One Reporting      |  |  |  |
| (City)                                      | (State) | (Zip)    |   |   |                                  |                       |  |  |  |

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

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transa<br>Code (<br>8) |   | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and<br>5) |               |        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|---------------------------------|--|---|------------------------------|---|---|---------------|--------|---|---|---|--|
|                                 |  |   | Code                         | v | Amount  | (A) or<br>(D) | Price  | Transaction(s)<br>(Instr. 3 and 4)  |   | (   |  |
| Common Stock                    |  |   |                              |   |   |               |        | 110,000   | D   |   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 2,300   | A             | \$2    | 2,300   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 100   | A             | \$2.14 | 2,400   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 2,400   | A             | \$2.15 | 4,800   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 1,100   | A             | \$2.17 | 5,900   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 700   | A             | \$2.18 | 6,600   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 500   | A             | \$2.19 | 7,100   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 200   | A             | \$2.2  | 7,300   | Ι   | By Trust <sup>(1)</sup>   |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 3,849   | A             | \$2    | 3,849   | Ι   | By<br>Charitable<br>Foundation <sup>(2)</sup>                     |  |
| Common Stock                    | 11/20/2008                                 |   | Р                            |   | 2,300   | A             | \$2    | 29,909 <sup>(3)</sup>   | I   | By Family<br>Partnership <sup>(4)</sup>                           |  |

 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) | 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>Transa<br>Code (<br>8) |   | of  |     | 6. Date Exerc<br>Expiration Da<br>(Month/Day/Y | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr. 3<br>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) |  |
|   |   |  |   | Code                         | v | (A) | (D) | Date<br>Exercisable                            | Expiration<br>Date  | Title | Amount<br>or<br>Number<br>of<br>Shares              |  |  |  |  |

Explanation of Responses:

1. These securities are owned by David Rickey, TTEE FBO the David Rickey Trust.

2. These securities are owned by the Dave Rickey and Daughters Foundation.

3. 27,609 of these shares were previously reported as directly beneficially owned but were in fact owned by the Rickey Family Limited Partnership.

4. Pursuant to General Instruction 4(b)(iv) of Form 4, the undersigned, David Rickey, is a limited partner of the Rickey Family Limited Partnership whose holdings of the Company are being reported here in their entirety. The undersigned disclaims beneficial ownership of all but his proportionate interest in such securities.

Remarks:

## Jonathan E. Soneff, By Power 11/20/2008

of Attorney For: David Rickey 11/20/2

\*\* 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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