Spiegel Robert J. Form 3 May 25, 2010

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, response... Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting

Person *

Spiegel Robert J.

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

05/21/2010

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Capstone Therapeutics Corp. [CAPS]

4. Relationship of Reporting

(Check all applicable)

5. If Amendment, Date Original

Filed(Month/Day/Year)

1275 WEST WASHINGTON STREET, Â SUITE 101

(Street)

_X__ Director Officer

Person(s) to Issuer

10% Owner Other (give title below) (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

TEMPE, AZÂ 85281

(City) (State)

1. Title of Security (Instr. 4)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form: Direct (D)

or Indirect (I) (Instr. 5)

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

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 control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. Conversion or Exercise Price of

Ownership Form of Derivative

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Date Exercisable

Expiration Title Date

Amount or Number of Shares

Derivative Security

Security: Direct (D) or Indirect (I)

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Spiegel Robert J.

1275 WEST WASHINGTON STREET SUITE 101

TEMPE, AZÂ 85281

Signatures

/s/ Les M. Taeger, Attorney in-fact 05/25/2010

**Signature of Reporting Person Date

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(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. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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