

GREGORIAN VARTAN  
 Form 4  
 December 17, 2009

**FORM 4**

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

OMB APPROVAL

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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 OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 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 \*  
 GREGORIAN VARTAN

2. Issuer Name and Ticker or Trading Symbol  
 CELL THERAPEUTICS INC  
 [CTIC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 501 ELLIOTT AVE WEST, SUITE 400  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/15/2009

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

SEATTLE, WA 98119

4. If Amendment, Date Original Filed(Month/Day/Year)

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

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

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

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount Underlying Security
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)			
			Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Share
Performance Rights <sup>(1)</sup>	\$ 0	12/15/2009	A	440,251 <u>(1)</u>		<u>(1)</u>	12/31/2011	Common Stock	440,251 <u>(1)</u>

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GREGORIAN VARTAN 501 ELLIOTT AVE WEST SUITE 400 SEATTLE, WA 98119	X			

## Signatures

Louis A. Bianco, Attorney-in-fact for Vartan  
Gregorian 12/17/2009

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* 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).
- (1) On December 15, 2009, CTIC granted the reporting person a bonus opportunity that will be payable in CTIC common stock if certain performance goals are achieved on or before December 31, 2011. Should such a goal be timely achieved, the number of shares of CTIC common stock payable will be determined by multiplying the payout percentage that has been assigned by CTIC to that goal for purposes of the reporting person's award multiplied by the number of shares of CTIC common stock issued and outstanding at the time that particular goal is achieved. One such performance goal is attainment of a closing price for a share of CTIC common stock of \$2.94 or more. The bonus units reported above reflect the 0.075% payout percentage that has been assigned by CTIC to this stock price goal for purposes of the reporting person's award multiplied by the number of shares of CTIC common stock issued and outstanding on December 15, 2009.

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.