

Lanza Robert  
 Form 4  
 November 24, 2010

**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 \*  
 Lanza Robert

2. Issuer Name and Ticker or Trading Symbol  
 ADVANCED CELL TECHNOLOGY, INC. [ACTC]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 33 LOCKE DRIVE  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 11/22/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Chief Scientific Officer

MARLBOROUGH, MA 01752

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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock, par value \$0.001	11/22/2010		S		5,000	D	\$ 0.083 26,748,180 D
Common Stock, par value \$0.001	11/22/2010		S		45,000	D	\$ 0.0696 26,703,180 D
Common Stock, par value \$0.001	11/22/2010		S		440,000	D	\$ 0.0693 26,263,180 D

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Common Stock, par value \$0.001	11/22/2010	S	292,000	D	\$ 0.0722	25,971,180	D
Common Stock, par value \$0.001	11/23/2010	S	3,750	D	\$ 0.0805	25,967,430	D
Common Stock, par value \$0.001	11/23/2010	S	215,250	D	\$ 0.08	25,752,180	D
Common Stock, par value \$0.001	11/23/2010	S	10,000	D	\$ 0.0798	25,742,180	D
Common Stock, par value \$0.001	11/23/2010	S	10,000	D	\$ 0.0775	25,732,180	D
Common Stock ,par value \$0.001	11/23/2010	S	5,100	D	\$ 0.077	25,727,080	D
Common Stock, par value \$0.001	11/23/2010	S	105,000	D	\$ 0.076	25,622,080	D
Common Stock, par value \$0.001	11/23/2010	S	75,000	D	\$ 0.075	25,547,080	D
Common Stock, par value \$0.001	11/23/2010	S	4,900	D	\$ 0.074	25,542,180	D
Common Stock, par value \$0.001	11/23/2010	S	118,000	D	\$ 0.072	25,424,180	D
Common Stock, par value \$0.001	11/23/2010	S	17,000	D	\$ 0.071	25,407,180	D
	11/23/2010	S	115,000	D	\$ 0.07	25,292,180	D

Common  
Stock, par  
value  
\$0.001

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

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Transaction (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lanza Robert 33 LOCKE DRIVE MARLBOROUGH, MA 01752			Chief Scientific Officer	

## Signatures

/s/ Robert Lanza 11/24/2010

\*\*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).

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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