ARBEL IRIT Form 4 April 30, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

OMB APPROVAL

3235-0287

Expires:

January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ARBEL IRIT

2. Issuer Name and Ticker or Trading

THERAPEUTICS INC [BCLI]

Symbol

BRAINSTORM CELL

Issuer (Check all applicable)

5. Relationship of Reporting Person(s) to

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

08/31/2009

X_ Director Officer (give title

10% Owner Other (specify

C/O BRAINSTORM CELL THERAPEUTICS INC.,, 110 EAST **59TH STREET**

(Street)

4. If Amendment, Date 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

NEW YORK, NY 10022

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following

Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

(A)

Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of 2.		3. Transaction Date	3A. Deemed	4. 5. Num	5. Number of	of 6. Date Exercisab	le and	7. Title and Amount	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if TransactionDerivative		orDerivative	Expiration Date		Underlying S	ecuritie
Security	or Exercise		any	Code Securities (Month/Day/Year)		.)	(Instr. 3 and 4)		
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A) or				
	Derivative				Disposed of (D)				
	Security			(Instr. 3, 4, and					
	·			5)					
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou Numb Shares
Stock Option (right to	\$ 0.15	08/31/2009		A	100,000	08/31/2010(1)	08/31/2020	Common Stock	100,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ARBEL IRIT C/O BRAINSTORM CELL THERAPEUTICS INC., 110 EAST 59TH STREET NEW YORK, NY 10022

X

Signatures

buy)

/s/ Irit Arbel 04/30/2010

**Signature of Date
Reporting Person

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).

Option vests and becomes exercisable as to 33.3% of the number of shares subject to the option on each anniversary of the grant date until (1) fully vested and exercisable on the third anniversary of the grant date, provided that the reporting person is employed by or providing services to the company on the vesting date.

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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