Young Rodney KB Form 4 March 15, 2011

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB Number: 3235-0287 January 31,

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Expires:

Check this box if no longer subject to Section 16. Form 4 or

Section 16.
Form 4 or
Form 5
Chligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

See Instruction

See Instruction

See Instruction

See Instruction

Fried pursuant to Section 10(a) of the Sectio

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Young Rodney KB			2. Issuer Name <b>and</b> Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)		(Middle)	STEMCELLS INC [STEM]  3. Date of Earliest Transaction	(Check all applicable)		
STEMCELLS, DRIVE	` '	, ,	(Month/Day/Year) 03/11/2011	DirectorX Officer (give title below)	e 10% Owner Other (specification)	
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Jointa Applicable Line) _X_Form filed by One	1 5	
PALO ALTO,	CA 94304			Form filed by More Person	1 0	

(City)	(State) (	Zip) Tabl	e I - Non-D	erivative S	Securit	ies Acq	uired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	Beneficial	
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock	03/11/2011		F	25,750	D	\$ 0.81	449,200 (1)	D	
Common Stock							7,314	I	By 401(k) Plan (2)

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

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SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amount	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Λ.	mount		
									mount		
						Date	Expiration	Title N	r Jumber		
						Exercisable	Date				
				C + V	(A) (D)			0			
				Code V	(A) (D)			S	hares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
Young Rodney KB							
STEMCELLS, INC.			CFO				

3155 PORTER DRIVE PALO ALTO, CA 94304

## **Signatures**

/s/ Ken Stratton, 03/15/2011 attorney-in-fact

\*\*Signature of 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).
- Includes (1) 200,000 restricted stock units, with 50,000 vesting on each of June 1, 2011, June 1, 2012, June 1, 2013, and June 1, 2014 and (2) 170,000 restricted stock units, with 56,667 of this grant vesting on each of May 15, 2011, May 15, 2012 and May 15, 2013.
- (2) Shares held in 401(k) account, in accordance with issuer's employer-match policies.

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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