FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPRO	OVAL							
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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)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

									. ,				<u> </u>											
1. Name an	IN	2. Issuer Name and Ticker or Trading Symbol INVIVO THERAPEUTICS HOLDINGS											5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner											
								CORP. [NVIV]												X				
(Last)		(Firs	st) (belov	,		Other (specify below)					
C/O INVIVO THERAPEUTICS HOLDINGS CORP.							3. Date of Earliest Transaction (Month/Day/Year) 06/03/2013												CEC	, CFC)			
ONE KE	4. If	If Amendment, Date of Original Filed (Month/Day/Year)											6. Individual or Joint/Group Filing (Check Applicable											
(Street)							, , , , , , , , , , , , , , , , , , , ,											Line) X Form filed by One Reporting Person						
CAMBRIDGE MA 02139																	Form filed by More than One Reporting Person							
(City) (State) (Zip)								T GISUIT																
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																								
1. Title of Security (Instr. 3) 2. Transar Date (Month/Date							ar)	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)				4 and Secu Bene Owne		cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership			
				Code	v	Amount				(A) or (D)	Price	Price		Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)							
COMMON STOCK 06/03/											S ⁽¹⁾		4,250		D	\$3.51(2)		13,	13,208,770		D			
COMMO	1/2013				S ⁽¹⁾		4,250		D	\$3.85(3)		13,	13,204,520		D									
COMMON STOCK 06/05/											S ⁽¹⁾		4,250		D	\$3.89(4)		13,200,270			D			
COMMO												2	23,488		I	By 401(k) plan								
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. Conversi or Exerci Price of Derivativ Security	rcise of tive	3. Transaction Date (Month/Day/Year)	3A. Deemi Execution if any (Month/Da	Date,		Transaction Code (Instr.		n of		6. Date E Expiratio (Month/D	n Dat		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)			Deri Seci	rice of ivative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(: (Instr. 4)	Oi Fo Di (I)). wnership orm: rect (D) Indirect (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V		\ (A)	A)	(D)	Date Exercisa		Expiration Date	Title	or Nu of	nount mber ares											

Explanation of Responses:

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- 2. The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.30 to \$3.61, inclusive. The reporting person undertakes to provide InVivo Therapeutics Holdings Corp. ("InVivo"), any security holder of InVivo, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnotes 2 through 4.
- 3. The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.75 to \$3.99, inclusive.
- 4. The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.79 to \$3.95, inclusive.

06/05/2013 /s/ Francis Reynolds

** Signature of Reporting Person

Date

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

- * 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.

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 Number.