FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

Check this box if no longer subject to	STATEME
Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(b).	File

NT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

1. Name and Address of Reporting Person* REYNOLDS FRANCIS					IN	2. Issuer Name and Ticker or Trading Symbol INVIVO THERAPEUTICS HOLDINGS CORP. [NVIV]										all app Dired		g Pers	10% C	wner	
CORP.		APEUTICS HO				3. Date of Earliest Transaction (Month/Day/Year) 06/06/2013										Offic below	,	, CFO	below)	(specify	
ONE KENDALL SQUARE, SUITE B14402 (Street)					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)						
CAMBRIDGE MA 02139														X Form filed by One Reporting Person Form filed by More than One Reporting Person							
(City)	(St	ate) (2	Zip)																		
		Tabl	e I - Nor	n-Deriv	ative	Se	curitie	s Ac	quired,	Dis	posed o	f, or	Ben	eficia	ally	Owne	ed				
1. Title of Security (Instr. 3) 2. Transa Date (Month/D				Execution Date		n Date,	3. Transa Code (8)			rities Acquired (A) ed Of (D) (Instr. 3,			4 and Secu Bene Own		cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code	v	Amount (A) or (D)		Price		Reported Transaction(s) (Instr. 3 and 4)				(IIISU. 4)			
COMMO	COMMON STOCK 06/06/					2013		S ⁽¹⁾		4,250		D	\$3.9	91 ⁽²⁾ 13		196,020		D			
COMMO	N STOCK			06/07	7/2013	3			S ⁽¹⁾		4,250		D	\$4.1	I.12 ⁽³⁾ 13,191,770 D						
COMMON STOCK															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. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) 3. Transaction Date (Month/Day/Year) (Month/Day/Year)			Date,		Transaction of Code (Instr. Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		estr. 3	nt			Oi Fo Di (I)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
		Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	of Sha	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 \$3.98 to \$3.98, 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 \$3.97 to \$4.32, inclusive.

/s/ Francis Revnolds

06/07/2013

** 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.