FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average	burden								

0.5

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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

1. Name and Address of Reporting Person*  REYNOLDS FRANCIS						IN	2. Issuer Name <b>and</b> Ticker or Trading Symbol  INVIVO THERAPEUTICS HOLDINGS  CORP. [ NVIV ]									5. Rela (Check X	all app Direc		ıg Per	₹ 10% C	wner
CORP.	IVO THE		(Middle)				3. Date of Earliest Transaction (Month/Day/Year) 04/18/2013									X	belov	er (give title v) CEO	, CF	below)	(specify
ONE KENDALL SQUARE, SUITE B14402  (Street)  CAMBRIDGE MA 02139  (City) (State) (Zip)				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Indiv Line) X	,						
			Table	e I - Nor	n-Deriv	ative	Se	curiti	es Ac	quired,	Dis	posed o	f, o	r Be	nefic	ially	Owne	ed			
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da					Execution Date,		on Date,	Code (	Transaction Dispo		ecurities Acquired (A) posed Of (D) (Instr. 3,			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)	Pric	e	Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
COMMON STOCK 04/18/2					/2013	2013			S <sup>(1)</sup>		4,250		D	\$3.	.15(2)	13,	13,419,060		D		
COMMON STOCK 04/19/2						/2013	2013			S <sup>(1)</sup>		4,250		D	\$3.	.14(3)	13,	13,414,810		D	
COMMON STOCK																	1	9,579		I	By 401(k) plan
			Та									sed of, onvertib					wned				
1. Title of Derivative Security (Instr. 3)	erivative Conversion Date Execution Date curity or Exercise (Month/Day/Year) if any		Date, ny/Year)	4. Transaction Code (Instr. 8)		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Expiration (Month/D	on Date	е	or		of s g e (Instr. 3 mount r umber f	Deri Sec (Inst	rice of vative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	G G G	10. Ownership Form: Direct (D) or Indirect I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

## 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 \$3.10 to \$3.30, 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 \$3.12 to \$3.17, inclusive.

/s/ Francis Reynolds 04/19/2013

\*\* 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.