SEC Form 4	
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## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

)	Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL									
OMB Number:	3235-0287								
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hours per response:	0.5								

1. Name and Addres <u>REYNOLDS</u>	s of Reporting Person FRANCIS	)* ]	2. Issuer Name and Ticker or Trading Symbol <u>INVIVO THERAPEUTICS HOLDINGS</u> <u>CORP.</u> [NVIV]		onship of Reporting Per all applicable) Director		son(s) to Issuer	
(Last)	(First)	(Middle)		X	Officer (give title below)		Other (specify below)	
C/O INVIVO THERAPEUTICS HOLDINGS CORP.			3. Date of Earliest Transaction (Month/Day/Year) 04/22/2013		CEO,	CFO		
ONE KENDALI	L SQUARE, SUIT	E B14402	4. If Amendment, Date of Original Filed (Month/Day/Year)		idual or Joint/Group F	iling (	Check Applicable	
(Street) CAMBRIDGE	МА	02139		Line) X	Form filed by One F Form filed by More Person	•	0	
(City)	(State)	(Zip)						

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code ( 8)		Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)
COMMON STOCK	04/22/2013		<b>S</b> <sup>(1)</sup>		4,250	D	\$3.12 <sup>(2)</sup>	13,410,560	D	
COMMON STOCK	04/23/2013		<b>S</b> <sup>(1)</sup>		4,250	D	\$2.98 <sup>(3)</sup>	13,406,310	D	
COMMON STOCK	04/24/2013		<b>S</b> <sup>(1)</sup>		4,250	D	\$2.95 <sup>(4)</sup>	13,402,060	D	
COMMON STOCK								19,579	Ι	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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code ( 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) (D) Date Exercisable and Expiration Date (Month/Day/Year) Expiration Date (Month/Day/Year) Expiration Date (Month/Day/Year)		piration Date Amount of			Derivative Security (Instr. 5) Beneficiall Owned Following Reported	derivative Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v				Expiration Date	Title	Amount or Number of Shares			

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 \$3.04 to \$3.23, 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 \$2.94 to \$3.10, inclusive.

4. The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$2.93 to \$2.99, inclusive.

### <u>/s/ Francis Reynolds</u>

\*\* Signature of Reporting Person

04/24/2013

Date

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

 $^{\ast}$  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.