REYNOLDS FRANCIS

Form 4

February 19, 2013

FORM 4

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

OMB

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **REYNOLDS FRANCIS**

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

INVIVO THERAPEUTICS

HOLDINGS CORP. [NVIV]

(Check all applicable)

CEO, CFO

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction (Month/Day/Year) 02/14/2013

_X__ 10% Owner _X__ Director X__ Officer (give title __ Other (specify below)

C/O INVIVO THERAPEUTICS **HOLDINGS CORP., ONE** KENDALL SQUARE, SUITE B14402

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

CAMBRIDGE, MA 02139

(City)	(State) (Zi	p) Table 1	I - Non-Dei	rivative So	ecuriti	ies Acqu	ired, Disposed of	, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securion(A) or D (D) (Instr. 3,	ispose 4 and (A) or	d of	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
COMMON STOCK	02/14/2013		S(1)	4,150	D	\$ 1.72	13,772,910	D	
COMMON STOCK	02/14/2013		S <u>(1)</u>	100	D	\$ 1.73	13,772,810	D	
COMMON STOCK	02/15/2013		S <u>(1)</u>	1,000	D	\$ 1.9	13,771,810	D	
COMMON STOCK	02/15/2013		S <u>(1)</u>	1,000	D	\$ 1.91	13,770,810	D	

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COMMON STOCK	02/15/2013	S(1)	1,000	D	\$ 1.97	13,769,810	D	
COMMON STOCK	02/15/2013	S(1)	1,250	D	\$ 1.99	13,768,560	D	
COMMON STOCK	02/19/2013	S(1)	2,250	D	\$ 1.68	13,766,310	D	
COMMON STOCK	02/19/2013	S(1)	1,000	D	\$ 1.74	13,765,310	D	
COMMON STOCK	02/19/2013	S(1)	1,000	D	\$ 1.84	13,764,310	D	
COMMON STOCK						19,579	I	By 401(k) Plan

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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	isable and	7. Tit	le and	8. Price of	Ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr	3 and 4)		(
	Security				Acquired]
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
					,						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						2.1010184010	2		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
1	Director	10% Owner	Officer	Other		
REYNOLDS FRANCIS C/O INVIVO THERAPEUTICS HOLDINGS CORP. ONE KENDALL SQUARE, SUITE B14402	X	X	CEO, CFO			
CAMBRIDGE MA 02139						

Reporting Owners 2

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Signatures

/S/ ELIZABETH FRASER, AS ATTORNEY IN FACT

02/19/2013

**Signature of Reporting Person

Date

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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on December 4, 2012

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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