REYNOLDS FRANCIS

Form 4

February 13, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, Expires: 2005

OMB APPROVAL

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Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

INVIVO THERAPEUTICS HOLDINGS CORP. [NVIV]

3. Date of Earliest Transaction

(Check all applicable)

CEO, CFO

(Last) (First) (Middle)

(Month/Day/Year) 02/11/2013

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

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

> (Street) 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	ip) Table	I - Non	-De	rivative Sec	urities	Acquir	red, Disposed of,	or Beneficiall	y Owned
,	1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr.	8)	4. Securitie on(A) or Disp (Instr. 3, 4	oosed coand 5) (A) or	of (D)	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	02/11/2013		Code $S_{\underline{(1)}}$	V	Amount 3,250	(D)	Price \$ 1.98	14,190,560	D	
	COMMON STOCK	02/11/2013		S <u>(1)</u>		1,000	D	\$ 1.99	14,189,560	D	
	COMMON STOCK	02/11/2013		G	V	404,000	D	\$0	13,785,560	D	
	COMMON STOCK	02/12/2013		S(1)		4,250	D	\$ 1.94	13,781,310	D	

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COMMON STOCK 02/13/2013 S(1) 4,250 D \$ 13,777,060 D COMMON STOCK 13,603 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 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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 (Instr.	etion	5. nNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amor Unde Secur	rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

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

Signatures

/S/ ELIZABETH FRASER, AS ATTORNEY IN FACT 02/13/2013

**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.

Reporting Owners 2

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