

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIES

OMB APPROVAL	
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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* <u>ROBERTS RICHARD JOHN</u>  (Last) (First) (Middle) <u>ONE BROADWAY</u> <u>14TH FLOOR</u>  (Street) <u>CAMBRIDGE MA</u> <u>02142</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>10/26/2010</u>	3. Issuer Name <b>and</b> Ticker or Trading Symbol <u>INVIVO THERAPEUTICS HOLDINGS CORP. [ DSGS.OB ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input checked="" type="checkbox"/> Director 10% Owner  Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)
		6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person  Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned			
1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, \$0.00001 par value	0	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)							
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Non-qualified stock option	06/01/2007 <sup>(1)</sup>	06/01/2017	Common stock, par value \$0.00001	743,612	0.07	D	
Non-qualified stock option	11/24/2008 <sup>(2)</sup>	11/24/2018	Common stock, par value \$0.00001	123,935	0.07	D	

Explanation of Responses:

1. Date shown is the date of grant. Options vest as follows: 25% of the grant vests on the date of grant and 25% of the grant vests on each of the first, second and third anniversaries of the date of grant.
2. Date shown is the date of grant. Options vest as follows: 25% of the grant vests on each of the first, second, third and fourth anniversaries of the date of grant.

/s/ Richard J. Roberts 11/01/2010  
\*\* 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 5 (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.