DHILLON AVTAR S

Check this box

Form 4

August 13, 2012

FORM 4

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

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Estimated average

OMB APPROVAL

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response...

subject to Section 16. Form 4 or Form 5 obligations

if no longer

may continue.

(Middle)

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person *

DHILLON AVTAR S

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

INOVIO PHARMACEUTICALS,

INC. [INO]

(Check all applicable)

3. Date of Earliest Transaction

(Month/Day/Year) 08/10/2012

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

1787 SENTRY PARKWAY WEST, BUILDING 18, SUITE 400

(First)

(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

BLUE BELL, PA 19422

(City) (State) (Zip)

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

1. Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s)

or (Instr. 3 and 4) Code V Amount (D) Price

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)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if TransactionDerivative

5. Number of

(A)

6. Date Exercisable and **Expiration Date**

7. Title and Amount Underlying Securitie

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shar
Common Stock Option	\$ 0.55	08/10/2012		A	40,000	09/10/2012(1)	08/10/2022	Common Stock	40,00

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

DHILLON AVTAR S 1787 SENTRY PARKWAY WEST **BUILDING 18, SUITE 400** BLUE BELL, PA 19422



Signatures

Avtar S. Dhillon 08/13/2012 **Signature of Date Reporting Person

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).
- Options to vest in twelve substantially equal monthly installments over a period of one (1) year on the 10th day of each calendar month, commencing September 10, 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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