

Bandali Riaz Amirali  
Form 4  
June 09, 2006

**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).

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

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

## OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Bandali Riaz Amirali

2. Issuer Name **and** Ticker or Trading  
Symbol  
INOVIO BIOMEDICAL CORP  
[INO]

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)  
1882 LAKESHORE BLVD., EAST  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/07/2006

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

TORONTO, A6 M4L 6S8

4. If Amendment, Date Original  
Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
☒ Form filed by One Reporting Person  
☐ Form filed by More than One Reporting  
Person

(City) (State) (Zip)

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

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V                                                                          | Amount                                                                                                             | (A)<br>or<br>(D)                                                     | Price                                                             |

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

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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<br>Derivative<br>Security | 2. Conversion<br>or Exercise | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any | 4. Transaction<br>Code | 5. Number of<br>Derivative<br>Securities | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) | 7. Title and Amount<br>Underlying Secur<br>(Instr. 3 and 4) |
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|
|---------------------------------------|------------------------------|-----------------------------------------|-----------------------------------------|------------------------|------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|

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| (Instr. 3)                                                       | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) |        |     |                           |                    |                                                        |  |
|------------------------------------------------------------------|------------------------------------|------------------|------------|------------------------------------------------------------------|--------|-----|---------------------------|--------------------|--------------------------------------------------------|--|
|                                                                  |                                    |                  | Code       | V                                                                | (A)    | (D) | Date Exercisable          | Expiration<br>Date | Title                                                  |  |
| Inovio<br>Biomedical<br>Corporation<br>Common<br>Stock<br>Option | \$ 2.23                            | 06/07/2006       | A          |                                                                  | 25,000 |     | 06/07/2006 <sup>(1)</sup> | 06/07/2016         | Inovio<br>Biomedical<br>Corporation<br>Common<br>Stock |  |

## Reporting Owners

| Reporting Owner Name / Address                                            | Relationships |           |         |       |
|---------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                           | Director      | 10% Owner | Officer | Other |
| Bandali Riaz Amirali<br>1882 LAKESHORE BLVD., EAST<br>TORONTO, A6 M4L 6S8 |               |           | X       |       |

## Signatures

Riaz Amirali  
Bandali 06/09/2006

\_\_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 vesting schedule for the 25,000 option shares is as follows: 6,250 option shares will vest on June 7, 2006; 6,250 option shares will vest on September 7, 2006; 6,250 option shares will vest on December 7, 2006; and 6,250 option shares will vest on March 7, 2007.

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.