T2 Biosystems, Inc. Form 4 December 09, 2015

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

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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).

(Last)

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * AISLING CAPITAL III LP

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

T2 Biosystems, Inc. [TTOO]

(Check all applicable)

888 SEVENTH AVENUE, 12TH

(Street)

(First)

(Middle)

(Zip)

(Month/Day/Year) 12/09/2015

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

FLOOR,

4. If Amendment, Date Original

3. Date of Earliest Transaction

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

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

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

NEW YORK, NY 10106

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

(State)

4. Securities Acquired 3. Transaction(A) or Disposed of (D) Execution Date, if Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

Code V

5. Amount of 7. Nature of 6. Ownership Securities Indirect Beneficially Form: Direct Beneficial Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4)

I

(A) or (D) Price

Transaction(s) (Instr. 3 and 4)

Common 12/09/2015 Stock

P 307,692 A

Amount

2,830,992

See footnote (1)

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)

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| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. | 6. Date Exercise Expiration D | | 7. Title and Amount of | 8. Price of Derivative | 9. Nu Deriv |
|------------------------|------------------|--------------------------------------|-------------------------------|-------------------|------------|-------------------------------|------------|------------------------|------------------------|----------------|
| | | (Monuli Day/ Teal) | · · | | | * | | | | |
| Security | or Exercise | | any | Code | of | (Month/Day/ | rear) | Underlying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | | | Securities | (Instr. 5) | Bene |
| | Derivative | | | | Securities | 3 | | (Instr. 3 and 4) | | Owne |
| | Security | | | | Acquired | | | | | Follo |
| | | | | | (A) or | | | | | Repo |
| | | | | | Disposed | | | | | Trans |
| | | | | | of (D) | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | (211502 |
| | | | | | 4, and 5) | | | | | |
| | | | | | 4, and 3) | | | | | |
| | | | | | | | | Amount | | |
| | | | | | | _ | | or | | |
| | | | | | | Date | Expiration | Title Number | | |
| | | | | | | Exercisable | Date | of | | |
| | | | | Code V | (A) (D) | | | Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|--|---------------|-----------|---------|-------|--|--|
| | Director | 10% Owner | Officer | Other | | |
| AISLING CAPITAL III LP 888 SEVENTH AVENUE, 12TH FLOOR NEW YORK, NY 10106 | | X | | | | |
| Aisling Capital Partners III LP AISLING CAPITAL LLC 888 SEVENTH AVENUE 12TH FLOOR NEW YORK, NY 10106 | | X | | | | |
| Aisling Capital Partners III LLC AISLING CAPITAL LLC 888 SEVENTH AVENUE 12TH FLOOR NEW YORK, NY 10106 | | X | | | | |
| ELMS STEVE 888 SEVENTH AVENUE 12TH FLOOR NEW YORK, NY 10106 | X | X | | | | |
| SCHIFF ANDREW N 888 SEVENTH AVENUE, 12TH FLOOR NEW YORK, NY 10106 | | X | | | | |
| Purcell Dennis J 888 SEVENTH AVENUE, 12TH FLOOR NEW YORK, NY 10106 | | X | | | | |
| Signatures | | | | | | |
| Can Ciamatanaa an | | | | | | |

| See Signatures on | 12/09/2015 |
|-------------------|------------|
| Exhibit 99.1 | 12/09/2013 |

**Signature of Reporting Person Date

Reporting Owners 2

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).
 - The reportable securities are owned directly by Aisling Capital III, LP ("Aisling"), and held indirectly by Aisling Capital Partners III, LP ("Aisling GP"), as general partner of Aisling, Aisling Capital Partners III LLC ("Aisling Partners"), as general partner of Aisling GP, and
- (1) each of the individual managing members of Aisling Partners. The individual managing members (collectively, the "Managers") of Aisling Partners are Dennis Purcell, Dr. Andrew Schiff and Steve Elms. Aisling GP. Aisling Partners and the Managers share voting and dispositive power over the shares directly held by Aisling.

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.