

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **August 31, 2016**

T2 BIOSYSTEMS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation)

001-36571
(Commission
File Number)

20-4827488
(IRS Employer
Identification Number)

101 Hartwell Avenue, Lexington, Massachusetts 02421
(Address of principal executive offices, including Zip Code)

(781) 761-4646
(Registrant's telephone number, including area code)

N/A
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) Departure of Director

On August 31, 2016, T2 Biosystems, Inc. (the "Company") received a written letter of resignation from Harry Wilcox stating that he resigned, effective immediately, from his position as a Class I director of the Company and all committees of the Board of Directors of the Company (the "Board") on which he was serving. Mr. Wilcox resigned from the Board in connection with other personal commitments and not as a result of any dispute or disagreement with the Company or any member of its management.

Mr. Wilcox served on the Audit Committee of the Board prior to his resignation. Following Mr. Wilcox's resignation from the Board, the Audit Committee of the Board is now comprised of the following members: David Elsbree (Chairman) and Michael Cima.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 7, 2016

T2 BIOSYSTEMS, INC.

By: /s/ John McDonough
John McDonough
President and Chief Executive Officer