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

March 31, 2016

Date of Report (Date of earliest event reported)

Discovery Laboratories, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation)

000-26422

(Commission File Number)

94-3171943

(IRS Employer Identification Number)

2600 Kelly Road, Suite 100 Warrington, Pennsylvania 18976

(Address of principal executive offices)

(215) 488-9300

(Registrant's telephone number, including area code)

(Former name or former address, if changed since last report)

Ch	eck 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
pro	ovisions:
	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 Rul	e 14d-2(b) under the Ex	change 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 1.01. Entry into a Material Definitive Agreement

On March 31, 2016, Discovery Laboratories, Inc., a Delaware corporation (the "Company"), entered into a second amendment ("Amendment") to the Collaboration Agreement with Battelle Memorial Institute ("Battelle") dated October 10, 2014, as previously amended (the "Collaboration Agreement"). Under the Collaboration Agreement, the Company and Battelle have agreed to a three stage development plan to further develop the Company's aerosol delivery system ("ADS") for potential use in the Company's planned phase 3 clinical program for AEROSURF® for the treatment of respiratory distress syndrome ("RDS") in premature infants and, if AEROSURF is approved, initial commercial supply, and a sharing of development costs.

Under the Amendment, the Company and Battelle agreed to undertake certain additional activities under, and optimize the development schedule provided in, the Project Plan (as defined in the Collaboration Agreement), among other things, to reallocate resources and re-align the Milestone Date (as defined in the Collaboration Agreement) with the anticipated completion date for the Company's AEROSURF® phase 2b clinical trial. The parties agreed to increase the Project Plan Fixed Cost (as defined in the Collaboration Agreement) by approximately \$230,000, to an amount between \$11,181,000 and up to \$12,261,100. Accordingly, as of the Amendment date, the Discovery Labs Fixed Fee for Stages 2 and 3 under the Project Plan, which is equal to 50% of the Project Plan Fixed Cost, is adjusted to an amount between \$5,590,500 and \$6,130,550. In addition, the parties agreed to amend the Collaboration Agreement to change the definition of "Milestone Date," or the anticipated date for completion of Stage 3 activities under the Project Plan, from July 15, 2016 to November 15, 2016.

The foregoing summary is qualified in its entirety by reference to the text of the Collaboration Agreement and related documents, that were filed as Exhibits to the Company's Quarterly Report on Form 10-Q for the quarter ended September 30, 2014; the First Amendment to the Collaboration Agreement, dated August 4, 2015, which was filed as Exhibit 10.3 to the Company's Quarterly Report for the quarter ended June 30, 2015; and the Amendment, a copy of which is attached as Exhibit 10.1 to this Current Report on Form 8-K.

Item 9.01. Financial Statements and Exhibits.

- (d) Exhibits
- 10.1 Second Amendment to Collaboration Agreement between the Company and Battelle dated March 31, 2016

SIGNATURES

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

Discovery Laboratories, Inc.

By /s/ Craig Fraser

Name: Craig Fraser

Title: President and Chief Executive Officer

Date: April 5, 2016

SECOND AMENDMENT TO COLLABORATION AGREEMENT

This Second Amendment ("Amendment") to Collaboration Agreement dated as of October 10, 2014, as amended on August 4, 2015 (the "Agreement") is made and entered into as of March 31, 2016 (the "Amendment Date") by and between DISCOVERY LABORATORIES, INC., a corporation organized and existing under the laws of the state of Delaware having its principal place of business at 2600 Kelly Road, Suite 100, Warrington, PA 18976 USA ("Discovery Labs"), and BATTELLE MEMORIAL INSTITUTE, through its Corporate Operations, a corporation organized and existing under the laws of the state of Ohio having its principal place of business at 505 King Avenue, Columbus, Ohio 43201-2693, USA ("Battelle").

RECITALS:

WHEREAS, in accordance with the terms of the Agreement, Battelle and Discovery Labs have agreed on the detailed Project Plan for implementation of the Stage 2 and Stage 3 activities contemplated by the Agreement, together with related costs, which shall be shared as provided in Section 3(B) of the Agreement; and

WHEREAS, the parties wish to implement certain additional activities under, and optimize the development schedule provided in, the Project Plan, among other things, to reallocate resources and re-align the Milestone Date (as defined in the Agreement) with the anticipated completion date for Discovery Lab's AEROSURF® phase 2b clinical trial.

NOW THEREFORE, IN CONSIDERATION OF THE COVENANTS AND PROMISES CONTAINED IN THIS AGREEMENT, THE PARTIES AGREE AS FOLLOWS WITH THE INTENT TO BE LEGALLY BOUND HEREBY:

- 1. Capitalized terms used in this Amendment and not otherwise defined shall have the meanings ascribed to such terms as set forth in the Agreement.
- 2. In accordance with Section 3(B)(i) of the Agreement, the Project Plan Fixed Cost is revised to equal an amount between (a) Eleven Million, One Hundred and Eighty-One Thousand Dollars (\$11,181,000) and (b) up to Twelve Million, Two Hundred Sixty-One Thousand, One Hundred Dollars (\$12,261,100); and, accordingly, the Discovery Labs Fixed Fee as of the Amendment Date remains 50% of the Project Plan Fixed Cost, or an amount between (a) Five Million, Five Hundred Ninety Thousand, Five Hundred Dollars (\$5,590,500) and (b) up to (b) Six Million, One Hundred Thirty Thousand, Five Hundred Fifty Dollars (\$6,130,550) (in each case, representing 50% of the revised Project Plan Fixed Cost).
- 3. The reference to "July 15, 2016" in the defined term "Milestone Date" set forth in the first sentence of Section 3(E)(ii) of the Agreement is revised to "November 15, 2016."

[Signatures appear on the next page]

Except as amended herein, the remaining terms and conditions of the Agreement shall remain in full force and effect. This Amendment confirms an agreement between the Parties with respect to the subject matter hereof and is a material part of the consideration stated in the Agreement and the mutual promises made in connection therewith. The provisions of Section 9(H) - (K) of the Agreement shall apply to this Amendment *mutatis mutandi*.

In Witness Whereof, the Parties have duly executed this Amendment as of the Amendment Date.

Battelle Memorial Institute	
Corporate Operations	Discovery Laboratories, Inc.
By: /s/ Ken Zeller	By: /s/ Mary B. Templeton
Name:Ken Zeller	Name: Mary B. Templeton
Title: Contracting Officer	Title: SVP, General Counsel & Corporate Secretary