UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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 18, 2015 (August 18, 2015)

TARGACEPT, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 000-51173 (Commission File Number) 56-2020050 (IRS Employer Identification No.)

100 North Main Street, Suite 1510 Winston-Salem, North Carolina (Address of principal executive offices)

27101 (Zip Code)

 $(336)\ 480-2100$ Registrant's telephone number, including area code

| | |
|---|--|
| | ck 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 isions: |
| X | 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.

(e)

At the annual meeting of the stockholders of Targacept, Inc. (the "Company") held on August 18, 2015 (the "Annual Meeting"), the stockholders of the Company approved the Targacept, Inc. 2015 Stock Incentive Plan (the "2015 Plan"). The 2015 Plan had previously been approved by the Company's Board of Directors (the "Board") and the Compensation Committee of the Board, subject to stockholder approval.

The 2015 Plan replaces the Company's current long-term equity incentive plan, the Targacept, Inc. 2006 Stock Incentive Plan (the "2006 Plan"), first approved and adopted by the Company in 2006 and amended and restated as of March 9, 2011 and further amended on December 7, 2012, March 13, 2013 and April 10, 2013. No further grants will be made under the 2006 Plan. The 2015 Plan provides for the grant of incentive stock options, nonqualified stock options, stock appreciation rights, restricted awards in the form of restricted stock awards and restricted stock units, performance awards in the form of performance shares and performance units, phantom stock awards and other stock-based awards to selected employees, directors and independent contractors of the Company and its affiliates.

The 2015 Plan authorizes the issuance of up to (i) the lesser of (A) 5,000,000 or (B) such number of shares that remain available under the 2006 Plan for the grant of awards as of the effective date of the 2015 Plan, plus (ii) any shares subject to an award granted under a prior plan, which award is forfeited, cancelled, terminated, expires or lapses for any reason. The 2015 Plan imposes limitations on the amount of participant awards and contains other compensation and governance best practices, including minimum vesting provisions, a prohibition on discounted stock options or stock appreciation rights or repricing without stockholder approval and a double trigger change in control provision for employee awards.

The foregoing summary description of the 2015 Plan is qualified in its entirety by reference to the actual terms of the 2015 Plan, which is included as Annex F to the Company's proxy statement/prospectus/information statement filed with the Securities and Exchange Commission on July 28, 2015 (the "Proxy"), and is incorporated herein by reference as Exhibit 10.1. For additional information regarding the 2015 Plan, please refer to "Proposal 4 - Approval of 2015 Stock Incentive Plan" on pages 184-195 of the Proxy.

Item 5.07 Submission of Matters to a Vote of Security Holders.

At the Annual Meeting, the stockholders of the Company voted as set forth below on the following proposals, each of which is described in detail in the Proxy. The stockholders had also been solicited to vote to approve an adjournment of the Annual Meeting, if necessary, to solicit additional proxies if there were insufficient votes at the time of the Annual Meeting to approve the Merger Agreement, but such adjournment was unnecessary.

At the Annual Meeting, 31,328,555 shares of common stock, or approximately 91.3% of the outstanding common stock entitled to vote were represented by proxy or in person.

The final voting results for each matter submitted to a vote of the Company's stockholders are as follows:

Proposal 1. Approval of the Merger Agreement with Catalyst Biosciences, Inc.

To approve the Agreement and Plan of Merger dated as of March 5, 2015, as amended on May 6 and May 13, 2015 (the "Merger Agreement"), by and among the Company, Talos Merger Sub, Inc. and Catalyst Biosciences, Inc. ("Catalyst"), and the issuance of shares of the Company's common stock to Catalyst stockholders and the issuance of redeemable convertible notes of the Company to the Company's stockholders by virtue of the merger contemplated by the Merger Agreement.

| For | Against | Abstain | Broker Non-Votes |
|-------------------------|---------|---------------------|------------------|
| 26,5 28 ,685 | 52,723 | 624,55 2 | 4,122,595 |

Proposal 2. Approval of Reverse Stock Split.

To authorize an amendment to the Company's restated certificate of incorporation to effect a reverse stock split of the Company's issued and outstanding shares of common stock, pursuant to which seven (7) shares of outstanding Company common stock will be combined and reclassified into one (1) share of Company common stock.

| <u>For</u> | <u>Against</u> | <u>Abstain</u> | Broker Non-Votes |
|------------|----------------|----------------|------------------|
| 22,793,304 | 3,772,104 | 640,552 | 4,122,595 |

Proposal 3. Approval of Name Change to Catalyst Biosciences, Inc.

To approve an amendment to the Company's restated certificate of incorporation to change the name from "Targacept, Inc." to "Catalyst Biosciences, Inc."

| For | <u>Against</u> | Abstain | Broker Non-Votes |
|------------|----------------|---------|------------------|
| 26,529,644 | 50,989 | 625,327 | 4,122,595 |

Proposal 4. Approval of the Company's Incentive Plan.

To approve the Company's 2015 Stock Incentive Plan.

| For | Against | Abstain | Broker Non-Votes |
|-------------------------|-----------|---------|------------------|
| 25,2 30 ,469 | 1,324,039 | 651,452 | 4,122,595 |

Proposal 5. Election of Class III Director.

To elect Errol B. De Souza, Ph.D. as a Class III director for a term to expire at the 2018 annual meeting of stockholders; provided, however, that, if the merger is completed, the board of directors will be reconstituted as provided in the Merger Agreement.

For 25,603,429 Against 973,329

Abstain 629,202

Broker Non-Votes 4,122,595

Proposal 6. Approval of Executive Compensation.

To hold an advisory vote to approve the compensation of the Company's named executive officers as disclosed in the definitive proxy statement, pursuant to the compensation disclosure rules of the Securities and Exchange Commission.

For 24,947,081 Against 951,826

Abstain 1,307,053 Broker Non-Votes 4,122,595

Proposal 7. Approval of Golden Parachute Compensation.

To approve, on an advisory basis, the golden parachute compensation that may be paid or become payable to the Company's named executive officers as disclosed in the definitive proxy statement.

For 25,232,074

Against 1,347,524

Abstain 626,362

Broker Non-Votes 4,122,595

Proposal 8. Ratification of Appointment of Accounting Firm.

To ratify the appointment of Ernst & Young LLP as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2015.

For 30,616,312 Against 72,300

Abstain 639,943 Broker Non-Votes NA

Proposal 9. Adjourn Meeting.

To consider and vote on a proposal to adjourn the annual meeting, if necessary, to solicit additional proxies, in the event that there are not sufficient votes at the time of the annual meeting to approve Proposal Nos. 1, 2 and 3.

<u>For</u> 22,673,751

Against 3,906,856

Abstain 625,353 Broker Non-Votes 4,122,595

Item 8.01. Other Events.

On August 18, 2015, the Company announced voting results relating to the Annual Meeting. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

| Exhibit No. | Description of Exhibit |
|-------------|---|
| 10.1 | Targacept, Inc. 2015 Stock Incentive Plan (incorporated by reference to Annex F to Targacept's Registration Statement on Amendment No. 3 to Form S-4, as filed with the SEC on July 23, 2015 (Registration No. 333-204423)).* |
| 99.1 | Press Release dated August 18, 2015. |

^{*} Includes executive compensation plan or arrangement.

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.

TARGACEPT, INC.

Date: August 18, 2015 /s/ Patrick C. Rock

Patrick C. Rock

Senior Vice President, General Counsel and Secretary

EXHIBIT INDEX

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| 99.1 | Press Release dated August 18, 2015. |

^{*} Includes executive compensation plan or arrangement.

Targacept Announces Stockholder Approval of Proposals Related to Merger with Catalyst Biosciences

August 18, 2015 – Winston-Salem, NC- Targacept, Inc. (NASDAQ: TRGT) today announced that its stockholders have voted to approve the adoption of the agreement and plan of merger, dated March 5, 2015, as amended May 6, 2015, and May 13, 2015, providing for the merger of a wholly-owned subsidiary of the company with Catalyst Biosciences, Inc., at its 2015 annual stockholders meeting held today.

At today's annual meeting, 31,328,555 shares of common stock, or approximately 91.3% of the outstanding common stock entitled to vote, were represented by proxy or in person and approximately 84.7% of the shares voting at today's annual meeting voted in favor of the adoption of the merger agreement.

The stockholder approvals satisfy certain conditions to the closing of the transaction, including allowing for:

- Targacept to effect a reverse stock split of Targacept common stock, at a ratio of 7-for-1; and
- The changing of Targacept's corporate name to "Catalyst Biosciences, Inc."

Prior to the closing of the merger, Targacept will pay a dividend consisting of an aggregate cash amount of \$19,500,000, which is approximately \$0.5692 per share, and non-interest bearing, redeemable convertible notes with an aggregate principal amount of \$37,000,000, which is approximately \$1.080 per share. The dividend will be paid on August 19, 2015 to Targacept's stockholders of record as of the close of business on August 14, 2015.

The parties expect to complete the merger on August 20, 2015, subject to the conditions set forth in the merger agreement. If the merger is completed, Targacept will be renamed "Catalyst Biosciences, Inc." and expects to trade on the NASDAQ market under the symbol CBIO.

Note Regarding Forward-Looking Statements

This document contains forward-looking statements that involve substantial risks and uncertainties. All statements, other than statement of historical facts, included in this press release regarding our strategy, future operations, future financial position, future revenue, projected expense, prospects, plans and objectives of management are forward-looking statements. Examples of such statements include, but are not limited to, statements relating to the structure, timing and completion of Targacept's merger with Catalyst Biosciences. Actual results or events could differ materially from the plans, intentions, expectations and projections disclosed in the forward-looking statements. Various important factors could cause actual results or events to differ materially from the forward-looking statements that Targacept makes, including the risks described in the "Risk Factors" section of Targacept's periodic reports filed with the SEC. Targacept does not assume any obligation to **update any forward-looking statements, except as required by law.**

Targacept Contacts:

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