# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### SCHEDULE 13G

(Rule 13d-102)

# INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b)

|                          |            |          | (Amendment No. )*   |
|--------------------------|------------|----------|---|
|                          |            |          | Ocular Therapeutix, Inc.  |
|                          |            |          | (Name of Issuer)  |
|                          |            |          | Common Stock  |
|                          |            |          | (Title of Class of Securities)  |
|                          |            |          | 675767A100  |
|                          |            |          | (CUSIP Number)  |
|                          |            |          | December 31, 2014   |
|                          |            |          | (Date of Event Which Requires Filing of this Statement)   |
| Check the app            |            |          | designate the rule pursuant to which this Schedule is filed:  |
| 0                        | Rule 1     | 13d-1(b  | ))  |
| 0                        |            | 13d-1(c  |   |
| X                        | Rule 1     | 13d-1(d  |   |
|                          |            |          | page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for  |
| any subseque             | nt amen    | dment (  | containing information which would alter disclosures provided in a prior cover page.  |
|                          |            |          | the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act         |
| of 1934 ("Ac             | t") or otl | nerwise  | subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes). |
|                          |            |          |   |
|                          |            |          |   |
| CUSIP No. 6              | 675767A    | 100      | 13 G  |
|                          |            |          |   |
| 1                        | Names      | of Rep   | orting Persons.   |
|                          | Versan     | t Side I | Fund III, L.P.  |
| 2                        | Cl. 1      | .1 4     |   |
| 2                        |            |          | propriate Box if a Member of a Group*   |
|                          | (a)        | 0        |   |
|                          | (b)        | x (1)    |   |
| 3                        | SEC U      | co Only  | ,   |
| 3                        | SEC 0      | se Omy   |   |
| 4                        | Citizen    | ishin or | Place of Organization   |
| 7                        |            |          | ited States of America  |
|                          |            |          |   |
|                          |            | 5        | Sole Voting Power   |
|                          |            |          | 17,391 shares of Common Stock (2)   |
| Number of                |            |          |   |
| Shares                   |            | 6        | Shared Voting Power 0 shares  |
| Beneficially<br>Owned by |            |          |   |
| Each                     |            | 7        | Sole Dispositive Power  |
| Reporting<br>Person With |            |          | 17,391 shares of Common Stock (2)   |

Shared Dispositive Power

0 shares

| 9  | Aggregate Amount Beneficially Owned by Each Reporting Person 17,391 shares of Common Stock (2) |   |   |  |  |  |
|--|--|---|---|--|--|--|
| 10   | Check  | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                       |   |  |  |  |
| 11   | Percei   |   | ss Represented by Amount in Row 9   |  |  |  |
| 12   | Type of Reporting Person* PN   |   |   |  |  |  |
| partnership (*("SDC"), Ros<br>M. Warden (*)<br>RBR, BJB, C<br>Schedule 13C<br>(2) VV III ser<br>and RLP are<br>beneficial ow<br>the Common<br>(3) This perce | WVC I<br>ss A. Ja<br>'CMW'<br>MW and<br>rves as s<br>managi<br>mership<br>Stock b<br>entage i  | II"), Vers ffe ("RA. '), Robin ad RLP, c the sole g ng directe of the sh by the Re s calculat | d by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited cant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella J"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, ollectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this general partner of VSF III and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW, BNL ors and/or members of VV III and share voting and dispositive power over the shares held by VSF III; however, they disclaim hares held by VSF III except to the extent of their pecuniary interests therein. The information with respect to the ownership of porting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. ted based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent and Exchange Commissions on November 12, 2014. |  |  |  |
|  |  |   | 2   |  |  |  |
| CUSIP No. 6  | 6757672  | A100  | 13 G  |  |  |  |
| 1  | Names of Reporting Persons.<br>Versant Venture Capital III, L.P.                               |   |   |  |  |  |
| 2  |  |   | ropriate Box if a Member of a Group*  |  |  |  |
|  | (a)<br>(b)   | o<br>x (1)  |   |  |  |  |
| 3  |  | Jse Only  |   |  |  |  |
| 4  | Citizenship or Place of Organization Delaware, United States of America                        |   |   |  |  |  |
|  |  | 5   | Sole Voting Power<br>2,944,993 shares of Common Stock (2)   |  |  |  |
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With  |  | 6   | Shared Voting Power 0 shares  |  |  |  |
|  |  | 7   | Sole Dispositive Power 2,944,993 shares of Common Stock (2)   |  |  |  |
|  |  | 8   | Shared Dispositive Power 0 shares   |  |  |  |
| 9  |  |   | ount Beneficially Owned by Each Reporting Person<br>es of Common Stock (2)  |  |  |  |
| 10   | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                        |   |   |  |  |  |

| 11  |   | Percent of Class Represented by Amount in Row 9 13.8% (3)   |   |  |  |
|---|---|---|---|--|--|
| 12  | Type o  | Type of Reporting Person* PN  |   |  |  |
| partnership ("(SDC"), Ros<br>("SDC"), Ros<br>M. Warden ("<br>RBR, BJB, C<br>Schedule 13C<br>(2) VV III ser<br>and RLP are to<br>beneficial ow<br>the Common<br>(3) This perce | WVC II<br>ss A. Jaf<br>cCMW"<br>MW and<br>r.<br>wes as the<br>managin<br>nership<br>Stock by<br>entage is | I"), Ver<br>fe ("RA<br>), Robin<br>d RLP, o<br>he sole;<br>ng direct<br>of the s<br>y the Re<br>s calcula | d by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited sant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella Lay"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles a L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this general partner of VVC III and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW, BNL tors and/or members of VV III and share voting and dispositive power over the shares held by VVC III; however, they disclaim shares held by VVC III except to the extent of their pecuniary interests therein. The information with respect to the ownership of eporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.  The information with respect to the ownership of eporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.  The information with respect to the ownership of eporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. |  |  |
|   |   |   | 3   |  |  |
| CUSIP No. 6   | 675767 <i>P</i>   | A100  | 13 G  |  |  |
| 1   |   |   | oorting Persons<br>res III, LLC   |  |  |
| 2   | Check   | the App   | propriate Box if a Member of a Group*   |  |  |
|   | (a)   | 0   |   |  |  |
|   | (b)   | x (1)   |   |  |  |
| 3   | SEC U   | se Only   | 7   |  |  |
| 4   |   |   | Place of Organization ited States of America  |  |  |
|   |   |   |   |  |  |
|   |   | 5   | Sole Voting Power 0 shares  |  |  |
| Number of<br>Shares<br>Beneficially   |   | 6   | Shared Voting Power 2,962,384 shares of Common Stock (2)  |  |  |
| Owned by<br>Each<br>Reporting<br>Person With  |   | 7   | Sole Dispositive Power 0 shares   |  |  |
|   |   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2)   |  |  |
| 9   |   |   | nount Beneficially Owned by Each Reporting Person<br>res of Common Stock (2)  |  |  |
| 10  | Check   | Box if t  | the Aggregate Amount in Row (9) Excludes Certain Shares* o  |  |  |
| 11  | Percen<br>13.9%   |   | iss Represented by Amount in Row 9  |  |  |
| 12  | Type of Reporting Person*   |   |   |  |  |

- (1) This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, RBR BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes: (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW, BNL and RLP are managing directors and/or members of VV III and share voting and dispositive power over the shares held by VSF III and VVC III; however, they disclaim beneficial ownership of the shares held by VSF III and VVC III except to the extent of their pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- (3) This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

|  |   |         | · · · · · · · · · · · · · · · · · · ·                         |
|--|---|---------|---|
|  |   |         |   |
| CUSIP No. 6                                  | 575767A   | 100     | 13 G  |
| 1  | Names<br>Brian (  |         | orting Persons<br>ood   |
| 2  | Check   | the App | propriate Box if a Member of a Group*                         |
|  | (a)   | 0       |   |
|  | (b)   | x (1)   |   |
| 3  | SEC U   | se Only | 7   |
| 4  | Citizenship or Place of Organization United States of America                                     |         |   |
|  |   | 5       | Sole Voting Power 0 shares                                    |
| Number of<br>Shares<br>Beneficially          |   | 6       | Shared Voting Power 2,962,384 shares of Common Stock (2)      |
| Owned by<br>Each<br>Reporting<br>Person With |   | 7       | Sole Dispositive Power 0 shares                               |
|  |   | 8       | Shared Dispositive Power 2,962,384 shares of Common Stock (2) |
| 9  | Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) |         |   |
| 10   | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                           |         |   |
| 11   | Percent of Class Represented by Amount in Row 9 13.9% (3)   |         |   |
| 12   | Type of Reporting Person* IN  |         |   |
|  |   |         |   |

<sup>(1)</sup> This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM,

RBR, BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

(2) Includes: (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. BGA is a managing director and/or member of VV III and shares voting and dispositive power over the shares held by VSF III and VVC III; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.

(3) This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

| CUSIP No. 6                                  | 75767 <i>A</i>  | 100                    | 13 G  |
|--|---|------------------------|---|
| 1  | Names of Reporting Persons<br>Samuel D. Colella   |                        |   |
| 2  | Check the Appropriate Box if a Member of a Group*  (a) o  |                        |   |
|  | (b)   | x (1)                  |   |
| 3  | SEC U   | se Only                |   |
| 4  | Citizer<br>United   | nship or I<br>States o | Place of Organization<br>f America                            |
|  |   | 5                      | Sole Voting Power 0 shares                                    |
| Number of<br>Shares<br>Beneficially          |   | 6                      | Shared Voting Power 2,962,384 shares of Common Stock (2)      |
| Owned by<br>Each<br>Reporting<br>Person With |   | 7                      | Sole Dispositive Power 0 shares                               |
|  |   | 8                      | Shared Dispositive Power 2,962,384 shares of Common Stock (2) |
| 9  | Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) |                        |   |
| 10   | Check   | Box if th              | ne Aggregate Amount in Row (9) Excludes Certain Shares* o     |
| 11   | Percen<br>13.9%   |                        | s Represented by Amount in Row 9                              |
| 12   | Type of Reporting Person* IN  |                        |   |
|  |   |                        |   |

<sup>(1)</sup> This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

<sup>(2)</sup> Includes: (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. SDC is a managing director and/or member of VV III and shares voting and dispositive power over the shares held by VSF III and VVC III; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary

interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.

(3) This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

| CUSIP No. 6                                  | 675767A   | .100  | 13 G  |  |
|--|---|---|---|--|
| 1  | Names of Reporting Persons<br>Ross A. Jaffe   |   |   |  |
| 2  | Check the Appropriate Box if a Member of a Group*  (a) 0  |   |   |  |
| 3  |   | se Only   |   |  |
| 4  | Citizen<br>United   | ship or l<br>States o                                     | Place of Organization<br>of America                           |  |
|  |   | 5   | Sole Voting Power 0 shares                                    |  |
| Number of<br>Shares<br>Beneficially          |   | 6   | Shared Voting Power<br>2,962,384 shares of Common Stock (2)   |  |
| Owned by<br>Each<br>Reporting<br>Person With |   | 7   | Sole Dispositive Power 0 shares                               |  |
|  |   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2) |  |
| 9  | Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) |   |   |  |
| 10   | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                           |   |   |  |
| 11   |   | Percent of Class Represented by Amount in Row 9 13.9% (3) |   |  |
| 12   | Type of Reporting Person* IN  |   |   |  |
|  |   |   |   |  |

<sup>(1)</sup> This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

<sup>(2)</sup> Includes: (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. RAJ is a managing director and/or member of VV III and shares voting and dispositive power over the shares held by VSF III and VVC III; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.

<sup>(3)</sup> This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

| 1                        | Names of Reporting Persons William J. Link  |            |   |
|--------------------------|---|------------|---|
|                          |   |            |   |
| 2                        | Check (a)   |            | ropriate Box if a Member of a Group*                          |
|                          | (a)<br>(b)  | o<br>x (1) |   |
|                          | (-)   | (1)        |   |
| 3                        | SEC U   | se Only    |   |
| 4                        | Citizenship or Place of Organization United States of America                                     |            |   |
|                          |   |            |   |
|                          |   | 5          | Sole Voting Power 0 shares                                    |
| Number of                |   | 6          |   |
| Shares<br>Beneficially   |   | 6          | Shared Voting Power<br>2,962,384 shares of Common Stock (2)   |
| Owned by<br>Each         |   |            |   |
| Reporting<br>Person With |   | 7          | Sole Dispositive Power 0 shares                               |
| retoon vviin             |   | _          |   |
|                          |   | 8          | Shared Dispositive Power 2,962,384 shares of Common Stock (2) |
| 9                        | Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) |            |   |
| 10                       | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                           |            |   |
|                          |   |            |   |
| 11                       | Percent<br>13.9%  |            | s Represented by Amount in Row 9                              |
|                          |   |            |   |
| 12                       | Type of   | f Report   | ing Person*   |

(1) This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

<sup>(2)</sup> Includes: (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. WJL is a managing director and/or member of VV III and shares voting and dispositive power over the shares held by VSF III and VVC III; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.

<sup>(3)</sup> This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

| 1  |   | Names of Reporting Persons<br>Donald B. Milder                            |   |  |  |  |  |
|--|---|---|---|--|--|--|--|
| 2  | Check   | Check the Appropriate Box if a Member of a Group*                         |   |  |  |  |  |
|  | (a)   | 0   |   |  |  |  |  |
|  | (b)   | x (1)   |   |  |  |  |  |
| 3  | SEC U   | Jse Onl   | y   |  |  |  |  |
| 4  | Citizenship or Place of Organization United States of America   |   |   |  |  |  |  |
|  |   | 5   | Sole Voting Power 0 shares  |  |  |  |  |
| Number of<br>Shares<br>Beneficially  |   | 6   | Shared Voting Power 2,962,384 shares of Common Stock (2)  |  |  |  |  |
| Owned by<br>Each<br>Reporting<br>Person With   |   | 7   | Sole Dispositive Power 0 shares   |  |  |  |  |
|  |   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2)   |  |  |  |  |
| 9  |   |   | nount Beneficially Owned by Each Reporting Person<br>ares of Common Stock (2)   |  |  |  |  |
| 10   | Check   | Box if  | the Aggregate Amount in Row (9) Excludes Certain Shares* o  |  |  |  |  |
| 11   | Percent of Class Represented by Amount in Row 9 13.9% (3)   |   |   |  |  |  |  |
| 12   | Type of Reporting Person* IN  |   |   |  |  |  |  |
| partnership ("("SDC"), Ros<br>M. Warden ("RBR, BJB, C<br>Schedule 13C<br>(2) Includes:<br>and owns no<br>held by VSF<br>interests there<br>provided as o<br>(3) This perce | YVC II<br>ss A. Jai<br>fCMW"<br>MW an<br>G.<br>(i) 17,39<br>securitic<br>III and Vein. The<br>f Decen | II"), Ve ffe ("RA ), Robi d RLP, 91 shar es of th VVC II e inform nber 31 | ed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited resant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella AJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this es held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III essuer directly. DBM is a managing director and/or member of VV III and shares voting and dispositive power over the shares I; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary nation with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is , 2014.  ated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent is and Exchange Commissions on November 12, 2014. |  |  |  |  |
|  |   |   |   |  |  |  |  |
| CUSIP No. 6  | 675767 <i>F</i>   | A100  | 13 G  |  |  |  |  |

Check the Appropriate Box if a Member of a Group\*

(a) o

Names of Reporting Persons

Rebecca B. Robertson

1

|  | (b)  | x (1)   |  |  |
|--|--|---|--|--|
| 3  | SEC Use Only   |   |  |  |
| 4  |  |   | Place of Organization<br>of America  |  |
|  |  | 5   | Sole Voting Power 0 shares   |  |
| Number of<br>Shares<br>Beneficially  |  | 6   | Shared Voting Power<br>2,962,384 shares of Common Stock (2)  |  |
| Owned by<br>Each<br>Reporting<br>Person With   |  | 7   | Sole Dispositive Power 0 shares  |  |
|  |  | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2)  |  |
| 9  |  |   | ount Beneficially Owned by Each Reporting Person<br>es of Common Stock (2)   |  |
| 10   | Check I  | Box if t  | he Aggregate Amount in Row (9) Excludes Certain Shares* o  |  |
| 11   | Percent<br>13.9% (   |   | ss Represented by Amount in Row 9  |  |
| 12   | Type of<br>IN  | Report  | ting Person*   |  |
| partnership ("<br>("SDC"), Ros<br>M. Warden ("<br>RBR, BJB, C.<br>Schedule 13G<br>(2) Includes: (<br>and owns no s<br>held by VSF I<br>interests there<br>provided as of<br>(3) This perce | VVC III s A. Jaff CMW") MW and c i) 17,39 securities II and V in. The f Decemintage is | "), Vers<br>fe ("RA<br>, Robin<br>l RLP, c<br>1 shares<br>s of the<br>VC III;<br>informations<br>ber 31,<br>calcula | d by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited sant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella J"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this sheld by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III Issuer directly. RBR is a managing director and/or member of VV III and shares voting and dispositive power over the shares however, she disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of her pecuniary ation with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is 2014.  ted based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent and Exchange Commissions on November 12, 2014. |  |
|  |  |   | 10   |  |
| CUSIP No. 6  | 75767A   | 100   | 13 G   |  |
| 1  | Names<br>Bradley   | _   | orting Persons<br>zon  |  |
| 2  | Check t (a) (b)  | 0   | propriate Box if a Member of a Group*  |  |
|  | (0)  | x (1)   |  |  |

3

SEC Use Only

| 4  | Citizenship or<br>Canada   | Place of Organization  |  |
|--|--|--|--|
|  | 5  | Sole Voting Power 0 shares   |  |
| Number of<br>Shares<br>Beneficially  | 6  | Shared Voting Power 2,962,384 shares of Common Stock (2)   |  |
| Owned by<br>Each<br>Reporting<br>Person With   | 7  | Sole Dispositive Power 0 shares  |  |
|  | 8  | Shared Dispositive Power 2,962,384 shares of Common Stock (2)  |  |
| 9  |  | nount Beneficially Owned by Each Reporting Person<br>res of Common Stock (2)   |  |
| 10   | Check Box if   | the Aggregate Amount in Row (9) Excludes Certain Shares* o   |  |
| 11   | Percent of Class Represented by Amount in Row 9 13.9% (3)  |  |  |
| 12   | Type of Reporting Person* IN   |  |  |
| partnership (*("SDC"), Ro:<br>M. Warden (*RBR, BJB, C<br>Schedule 13C<br>(2) Includes:<br>and owns no<br>held by VSF | WVC III"), Venus A. Jaffe ("RAS A. J | ed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited resant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella AJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles a L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this es held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III except limited results as a "group" for purposes of this estatus as a "group" for purposes of this lessuer directly. BJB is a managing director and/or member of VV III and shares voting and dispositive power over the shares I; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary nation with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is |  |

an he provided as of December 31, 2014.

(3) This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

11

| 1                   | Names of Reporting Persons<br>Charles M. Warden               |                                       |  |  |  |  |
|---------------------|---|---------------------------------------|--|--|--|--|
| 2                   | Check the Ap  | propriate Box if a Member of a Group* |  |  |  |  |
|                     | (a)   | 0                                     |  |  |  |  |
|                     | (b)   | x (1)                                 |  |  |  |  |
| 3                   | SEC Use Only  | 7                                     |  |  |  |  |
| 4                   | Citizenship or Place of Organization United States of America |                                       |  |  |  |  |
| Number of<br>Shares | 5   | Sole Voting Power<br>3,156 shares (2) |  |  |  |  |
| Beneficially        |   |                                       |  |  |  |  |

Owned by Each

| Reporting<br>Person With  | 6   | Shared Voting Power 2,962,384 shares of Common Stock (3)                        |  |  |  |  |
|---|---|---|--|--|--|--|
|   | 7   | Sole Dispositive Power 3,156 shares (2)   |  |  |  |  |
|   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (3)                   |  |  |  |  |
| 9   |   | amount Beneficially Owned by Each Reporting Person nares of Common Stock (2)(3) |  |  |  |  |
| 10  | Check Box   | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o         |  |  |  |  |
| 11  | Percent of C<br>13.9% (4)                                     | Percent of Class Represented by Amount in Row 9 13.9% (4)                       |  |  |  |  |
| 12  | Type of Rep   | Type of Reporting Person* IN  |  |  |  |  |
| limit Cole ("BJ BGA as a (2) Inch (3) Inch VVC powe this (4) This |   |   |  |  |  |  |
| CUSIP No. 6   | 575767A100  | 13 G  |  |  |  |  |
| 1   | Names of R  | eporting Persons  |  |  |  |  |
| _   | Barbara N.  |   |  |  |  |  |
| 2   | Check the A   | ppropriate Box if a Member of a Group*  |  |  |  |  |
|   | (b) x (   |   |  |  |  |  |
| 3   | SEC Use O   | nly   |  |  |  |  |
| 4   | Citizenship or Place of Organization United States of America |   |  |  |  |  |
| Number of<br>Shares   | 5   | Sole Voting Power 0 shares  |  |  |  |  |
| Beneficially Owned by Each Reporting Person With                  | 6   | Shared Voting Power 2,962,384 shares of Common Stock (2)                        |  |  |  |  |

|   |   | 7   | O shares  |  |  |  |  |  |
|---|---|---|---|--|--|--|--|--|
|   |   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2)   |  |  |  |  |  |
| 9   | Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) |   |   |  |  |  |  |  |
| 10  | Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o                           |   |   |  |  |  |  |  |
| 11  | Percent of Class Represented by Amount in Row 9 13.9% (3)   |   |   |  |  |  |  |  |
| 12  | Type o  | of Repo   | rting Person*   |  |  |  |  |  |
| partnership ("("SDC"), Ros M. Warden ("RBR BJB, CM Schedule 13G (2) Includes: (and owns no sheld by VSF I interests there provided as of (3) This perce | VVC II s A. Jaf CMW" MW and c i i i i i i i i i i i i i i i i i i                                 | II"), Ver<br>ffe ("RA<br>), Robin<br>d RLP, o<br>91 share<br>es of the<br>WVC II<br>e inform<br>nber 31 | ed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited resant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella AJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles in L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this es held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III except directly. BNL is a managing director and/or member of VV III and shares voting and dispositive power over the shares I; however, she disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of her pecuniary nation with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is , 2014.  ated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent is and Exchange Commissions on November 12, 2014. |  |  |  |  |  |
|   |   |   | 13  |  |  |  |  |  |
| CUSIP No. 6   | 675767 <i>F</i>   | A100  | 13 G  |  |  |  |  |  |
| 1   | Names of Reporting Persons<br>Robin L. Praeger  |   |   |  |  |  |  |  |
| 2   | Check the Appropriate Box if a Member of a Group*   |   |   |  |  |  |  |  |
|   | (a)<br>(b)  | o<br>x (1)  |   |  |  |  |  |  |
| 3   | SEC Use Only  |   |   |  |  |  |  |  |
| 4   | Citizenship or Place of Organization<br>United States of America                                  |   |   |  |  |  |  |  |
|   |   | 5   | Sole Voting Power 0 shares  |  |  |  |  |  |
| Number of<br>Shares<br>Beneficially   |   | 6   | Shared Voting Power 2,962,384 shares of Common Stock (2)  |  |  |  |  |  |
| Owned by Each Reporting Person With   |   | 7   | Sole Dispositive Power 0 shares   |  |  |  |  |  |
|   |   | 8   | Shared Dispositive Power 2,962,384 shares of Common Stock (2)   |  |  |  |  |  |

9 Aggregate Amount Beneficially Owned by Each Reporting Person 2,962,384 shares of Common Stock (2) 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares\* o 11 Percent of Class Represented by Amount in Row 9 13.9% (3) 12 Type of Reporting Person\* IN (1) This Schedule 13G is filed by Versant Side Fund III, L.P., a Delaware limited partnership ("VSF III"), Versant Venture Capital III, L.P., a Delaware limited partnership ("VVC III"), Versant Ventures III, LLC, a Delaware limited liability company ("VV III"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Robin L. Praeger ("RLP") and Barbara N. Lubash ("BNL" and together with VSF III, VVC III, VV III, BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and RLP, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G. (2) Includes; (i) 17,391 shares held by VSF III; and (ii) 2,944,993 shares held by VVC III. VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. RLP is a managing director and/or member of VV III and shares voting and dispositive power over the shares held by VSF III and VVC III; however, he disclaims beneficial ownership of the shares held by VSF III and VVC III except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. (3) This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014. Introductory Note: This Statement on Schedule 13G is filed on behalf of the Reporting Persons, in respect of shares of Common Stock, par value \$0.0001 per share ("Common Stock"), of Ocular Therapeutix, Inc. (the "Issuer"). Item 1 (a) Name of Issuer: Ocular Therapeutix, Inc. Address of Issuer's Principal Executive Offices: 36 Crosby Drive, Suite 101 Bedford, MA 01730 Item 2 (a) Name of Person(s) Filing: Versant Side Fund III, L.P. ("VSF III") Versant Venture Capital III, L.P. ("VVC III") Versant Ventures III, LLC ("VV III") Brian G. Atwood ("BGA") Samuel D. Colella ("SDC") Ross A. Jaffe ("RAJ") William J. Link ("WJL") Donald B. Milder ("DBM") Rebecca B. Robertson ("RBR") Bradley J. Bolzon ("BJB") Charles M. Warden ("CMW") Barbara N. Lubash ("BNL") Robin L. Praeger ("RLP") (b) Address of Principal Business Office: c/o Versant Venture Management, LLC One Sansome Street, Suite 3630 San Francisco, CA 94104 Citizenship: **Entities:** VSF III Delaware, United States of America VVC III Delaware, United States of America VV III Delaware, United States of America Individuals: **BGA** United States of America SDC United States of America

United States of America

RAJ

| WJL | - | United States of America |
|-----|---|--------------------------|
| DBM | - | United States of America |
| RBR | - | United States of America |
| BJB | - | Canada                   |
| CMW | - | United States of America |
| BNL | - | United States of America |
| DID |   | United States of America |

(d) Title of Class of Securities:

Common Stock

(e) CUSIP Number: 675767A100

**Item 3** Not applicable.

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#### Item 4 Ownership.

The following information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014:

| Reporting Persons (1) | Shares<br>Held<br>Directly | Sole<br>Voting<br>Power | Shared<br>Voting<br>Power | Sole<br>Dispositive<br>Power | Shared<br>Dispositive<br>Power | Beneficial<br>Ownership | Percentage<br>of Class<br>(2) |
|-----------------------|----------------------------|-------------------------|---------------------------|------------------------------|--------------------------------|-------------------------|-------------------------------|
| VSF III               | 17,391                     | 17,391                  | 0                         | 17,391                       | 0                              | 17,391                  | 0.1%                          |
| VVC III               | 2,944,993                  | 2,944,993               | 0                         | 2,944,993                    | 0                              | 2,944,993               | 13.8%                         |
| VV III                | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| BGA                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| SDC                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| RAJ                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| WJL                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| DBM                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| RBR                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| ВЈВ                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| CMW                   | 3,156                      | 3,156                   | 2,962,384                 | 3,156                        | 2,962,384                      | 2,965,540               | 13.9%                         |
| BNL                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |
| RLP                   | 0                          | 0                       | 2,962,384                 | 0                            | 2,962,384                      | 2,962,384               | 13.9%                         |

<sup>(1)</sup> VV III serves as the sole general partner of VSF III and VVC III and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW, BNL and RLP are managing directors and/or members of VV III and share voting and dispositive power over the shares held by VSF III and VVC III; however, they disclaim beneficial ownership of the shares held by VSF III and VVC III except to the extent of their pecuniary interests therein.

#### Item 5 Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof, the Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following: o

#### Item 6 Ownership of More than Five Percent on Behalf of Another Person.

See Items 2(a) and 4.

### Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not applicable.

#### Item 8 Identification and Classification of Members of the Group.

Not applicable.

#### Item 9 Notice of Dissolution of Group.

Not applicable.

<sup>(2)</sup> This percentage is calculated based upon 21,322,433 shares of Common Stock outstanding as of November 3, 2014.

#### Item 10 Certification.

Not applicable.

#### **SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 13, 2015

#### Versant Side Fund III, L.P.

By: Versant Ventures III, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

#### Versant Venture Capital III, L.P.

By: Versant Ventures III, LLC

Its: General Partner

By: /s/ Robin L. Praeger

Authorized Representative

#### Versant Ventures III, LLC

By: /s/ Robin L. Praeger

Managing Member

#### /s/ Robin L. Praeger as attorney in fact

#### Brian G. Atwood

/s/ Robin L. Praeger as attorney in fact

#### Samuel D. Colella

/s/ Robin L. Praeger as attorney in fact

Ross A. Jaffe

/s/ Robin L. Praeger as attorney in fact

William J. Link

/s/ Robin L. Praeger as attorney in fact

Donald B. Milder

/s/ Robin L. Praeger as attorney in fact

Rebecca B. Robertson

/s/ Robin L. Praeger as attorney in fact

**Bradley J. Bolzon** 

/s/ Robin L. Praeger as attorney in fact

Charles M. Warden

/s/ Robin L. Praeger as attorney in fact

Barbara N. Lubash

/s/ Robin L. Praeger

Robin L. Praeger

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#### Exhibit(s):

A - Joint Filing Statement

#### **EXHIBIT A**

#### JOINT FILING STATEMENT

We, the undersigned, hereby express our agreement that the attached Schedule 13G (or any amendments thereto) relating to the Common Stock of Ocular Therapeutix, Inc. is filed on behalf of each of us.

Dated: February 13, 2015

| Versant Si | ide F | und I | II, L.P. |  |
|------------|-------|-------|----------|--|
|------------|-------|-------|----------|--|

By: Versant Ventures III, LLC

Its: General Partner

By: /s/ Robin L. Praeger

**Authorized Representative** 

#### Versant Venture Capital III, L.P.

By: Versant Ventures III, LLC

Its: General Partner

By: /s/ Robin L. Praeger

**Authorized Representative** 

#### Versant Ventures III, LLC

By: /s/ Robin L. Praeger

Managing Member

/s/ Robin L. Praeger as attorney in fact

Brian G. Atwood

/s/ Robin L. Praeger as attorney in fact

Samuel D. Colella

/s/ Robin L. Praeger as attorney in fact

Ross A. Jaffe

/s/ Robin L. Praeger as attorney in fact

William J. Link

/s/ Robin L. Praeger as attorney in fact

Donald B. Milder

/s/ Robin L. Praeger as attorney in fact

Rebecca B. Robertson

/s/ Robin L. Praeger as attorney in fact

**Bradley J. Bolzon** 

/s/ Robin L. Praeger as attorney in fact

Charles M. Warden

/s/ Robin L. Praeger as attorney in fact

Barbara N. Lubash

/s/ Robin L. Praeger

Robin L. Praeger