

SCHEDULE 13G  
Under the Securities Exchange Act of 1934

(Name of Issuer) AXSOME THERAPEUTICS INC  
(Title of Class of Securities) Common Stock  
(CUSIP Number) 05464T104  
(Date of Event Which Requires Filing of this Statement) April 18, 2017

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

CUSIP No. 05464T104

1. Names of Reporting Persons.

Laurence W. Lytton

2. Check the Appropriate Box if a Member of a Group (See Instructions)

- a).....
- (b).....

3. SEC Use Only

4. Citizenship or Place of Organization

USA

5. Sole Voting Power 1,269,292

6. Shared Voting Power 31,400

7. Sole Dispositive Power 1,269,292

8. Shared Dispositive Power 31,400

9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,300,692

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions).....

11. Percent of Class Represented by Amount in Row (9) 5.5%

12. Type of Reporting Person (See Instructions)

IN

Item 1.

(a) Name of Issuer AXSOME THERAPEUTICS INC

(b) Address of Issuer's Principal Executive Offices

25 Broadway, 9th Fl  
New York, New York

Item 2.

(a) Name of Person Filing Laurence W. Lytton

(b)Address of Principal Business Office or, if none, Residence

467 CPW  
N.Y., NY 10025

(c)Citizenship USA

(d)Title of Class of Securities Common

(e)CUSIP Number 05464T104

Item 3. not applicable

Item 4. Ownership.

(a)Amount beneficially owned: 1,300,692 consisting of 1,187,192 shares held by the reporting person, 74,100 held in the AWL Family LLC, 12,000 held in the IKL Trust, 5,000 held in the KLL Family Trust, and 22,400 shares held in other related accounts.

(b)Percent of class: 5.5%

(c)Number of shares as to which the person has:

(i)Sole power to vote or to direct the vote 1,269,292.

(ii)Shared power to vote or to direct the vote 31,400.

(iii)Sole power to dispose or to direct the disposition of 1,269,292.

(iv)Shared power to dispose or to direct the disposition of 31,400.

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 person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following ( ).

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

Not applicable

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

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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.

\_\_\_\_4/27/17\_\_\_\_\_

Date

\_\_\_\_s/ Laurence W. Lytton\_\_\_\_\_

Signature

\_\_\_\_Laurence W. Lytton\_\_\_\_\_

Name/Title

