

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>New Enterprise Associates 16, L.P.</u> (Last) (First) (Middle) 1954 GREENSPRING DRIVE SUITE 600 (Street) TIMONIUM MD 21093 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 11/20/2017	3. Issuer Name and Ticker or Trading Symbol <u>Arsanis, Inc. [ASNS]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,000,000	D ⁽¹⁾	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				

1. Name and Address of Reporting Person*
New Enterprise Associates 16, L.P.
 (Last) (First) (Middle)
 1954 GREENSPRING DRIVE
 SUITE 600
 (Street)
 TIMONIUM MD 21093
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
NEA Partners 16, L.P.
 (Last) (First) (Middle)
 1954 GREENSPRING DRIVE
 SUITE 600
 (Street)
 TIMONIUM MD 21093
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
NEA 16 GP, LLC
 (Last) (First) (Middle)
 1954 GREENSPRING DRIVE
 SUITE 600
 (Street)
 TIMONIUM MD 21093
 (City) (State) (Zip)

(City)

(State)

(Zip)

Explanation of Responses:

1. The shares are directly held by New Enterprise Associates 16, L.P. ("NEA 16"), and indirectly held by NEA Partners 16, L.P. ("NEA Partners"), the sole general partner of NEA 16, NEA 16 GP, LLC ("NEA 16 GP"), the sole general partner of NEA Partners 16, and the individual managers of NEA 16 GP (NEA Partners 16, NEA 16 GP and the individual managers of NEA 16 GP, together, the "Indirect Reporting Persons"). The individual managers of NEA 16 GP are Peter J. Barris, Forest Baskett, Anthony A. Florence, Jr., Mohamad Makhzoumi, Josh Makower, David M. Mott, Chetan Puttagunta, Jon Sakoda, Scott D. Sandell, Peter W. Sonsini and Ravi Viswanathan. The Indirect Reporting Persons disclaim beneficial ownership within the meaning of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise of such portion of the shares of the Issuer held by NEA 16 in which the Indirect Reporting Persons have no pecuniary interest.

Remarks:

[/s/ Sasha Keough, attorney-in-](#)
[fact](#) [11/20/2017](#)

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.