

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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>EMBL Technology Fund II GmbH &amp; Co. KG</u>  (Last) (First) (Middle) <u>BOXBERGRING 107</u>  (Street) <u>HEIDELBERG 2M 69126</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Arsanis, Inc. [ ASNS ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <input checked="" type="checkbox"/> 10% Owner  Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/20/2017</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	
		6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/20/2017		C		103,278	A	(1)	103,278	D <sup>(3)</sup>	
Common Stock	11/20/2017		C		247,176	A	(2)	350,454	D <sup>(3)</sup>	
Common Stock	11/20/2017		P		20,000	A	\$10	370,454	D <sup>(3)</sup>	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series C Convertible Preferred Stock	(1)	11/20/2017		C			207,253	(1)	(1)	Common Stock	103,278	\$0.00	0	D <sup>(3)</sup>	
Series D Convertible Preferred Stock	(2)	11/20/2017		C			843,613	(2)	(2)	Common Stock	247,176	\$0.00	0	D <sup>(3)</sup>	

1. Name and Address of Reporting Person\*  
EMBL Technology Fund II GmbH & Co. KG  
 (Last) (First) (Middle)  
BOXBERGRING 107  
 (Street)  
HEIDELBERG 2M 69126  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
EMBL Ventures Verwaltungs GmbH  
 (Last) (First) (Middle)  
BOXBERGRING 107  
 (Street)  
HEIDELBERG 2M 69126  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
Adams Jan

(Last)	(First)	(Middle)
BOXBERGRING 107		
<hr/>		
(Street)		
HEIDELBERG	2M	69126
<hr/>		
(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<a href="#">Herr Stefan</a>		
<hr/>		
(Last)	(First)	(Middle)
BOXBERGRING 107		
<hr/>		
(Street)		
HEIDELBERG	2M	69126
<hr/>		
(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<a href="#">Muhlenbeck Frank</a>		
<hr/>		
(Last)	(First)	(Middle)
BOXBERGRING 107		
<hr/>		
(Street)		
HEIDELBERG		69126
<hr/>		
(City)	(State)	(Zip)

**Explanation of Responses:**

- The Series C Convertible Preferred Stock converted into Common Stock on a 0.49832-for-one basis upon the closing of the Issuer's initial public offering without payment of consideration. The Series C Convertible Preferred Stock was convertible at any time at the holder's election and automatically upon the closing at the Issuer's initial public offering. The shares had no expiration date.
- The Series D Convertible Preferred Stock converted into Common Stock on a 0.29300-for-one basis upon the closing of the Issuer's initial public offering without payment of consideration. The Series D Convertible Preferred Stock was convertible at any time at the holder's election and automatically upon the closing at the Issuer's initial public offering. The shares had no expiration date.
- The reported securities are held of record by EMBL Technology Fund II GmbH & Co. KG ("EMBL"). EMBL Ventures Verwaltungs GmbH is the general partner of EMBL. Dr. Jan Adams, Dr. Frank Muhlenbeck and Dr. Stefan Herr are the Managing Directors of EMBL Ventures Verwaltungs GmbH. By virtue of such relationships, EMBL Ventures Verwaltungs GmbH, Dr. Adams, Dr. Frank Muhlenbeck and Dr. Herr may be deemed to have voting and investment power with respect to the securities held by EMBL. Each of EMBL Ventures Verwaltungs GmbH, Dr. Adams, Dr. Frank Muhlenbeck and Dr. Herr disclaims beneficial ownership of these securities and this report shall not be deemed to be an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or any other purpose, except to the extent of their pecuniary interest therein.

**Remarks:**

<a href="#"><u>/s/ Mike Gray, as attorney-in-fact on behalf of EMBL Technology Fund II GmbH &amp; Co. KG</u></a>	<a href="#"><u>11/20/2017</u></a>
<a href="#"><u>/s/ Mike Gray, as attorney-in-fact on behalf of EMBL Ventures Verwaltungs GmbH</u></a>	<a href="#"><u>11/20/2017</u></a>
<a href="#"><u>/s/ Mike Gray, as attorney-in-fact on behalf of Stefan Herr</u></a>	<a href="#"><u>11/20/2017</u></a>
<a href="#"><u>/s/ Mike Gray, as attorney-in-fact on behalf of Jan Adams</u></a>	<a href="#"><u>11/20/2017</u></a>
<a href="#"><u>/s/ Mike Gray, as attorney-in-fact on behalf of Frank Muhlenbeck</u></a>	<a href="#"><u>11/20/2017</u></a>

\*\* 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 4 (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.