

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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>Lichter Jay</u>  (Last) (First) (Middle) C/O SYNTHORX, INC. 11099 N. TORREY PINES ROAD, SUITE 190  (Street) LA JOLLA CA 92037  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Synthorx, Inc. [ THOR ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 12/11/2018	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**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	12/11/2018		C		1,281,664 <sup>(1)</sup>	A	(1)	1,468,901	I	By Avalon Ventures X, L.P. <sup>(2)</sup>
Common Stock	12/11/2018		C		762,617 <sup>(1)</sup>	A	(1)	2,231,518	I	By Avalon Ventures X, L.P. <sup>(2)</sup>
Common Stock	12/11/2018		C		2,517,278 <sup>(1)</sup>	A	(1)	4,748,796	I	By Avalon Ventures X, L.P. <sup>(2)</sup>
Common Stock	12/11/2018		C		1,136,631 <sup>(1)</sup>	A	(1)	1,136,631	I	By Avalon X SPV I, L.P. <sup>(2)</sup>
Common Stock	12/11/2018		P <sup>(3)</sup>		545,455	A	\$11	1,682,086	I	By Avalon X SPV I, L.P. <sup>(2)</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
Series A Preferred Stock	(1)	12/11/2018		C			2,053,534	(1)	(1)	Common Stock	1,281,664	\$0.00	0	I	By Avalon Ventures X, L.P. <sup>(2)</sup>
Series B Preferred Stock	(1)	12/11/2018		C			1,221,896	(1)	(1)	Common Stock	762,617	\$0.00	0	I	By Avalon Ventures X, L.P. <sup>(2)</sup>
Series C Preferred Stock	(1)	12/11/2018		C			4,033,283	(1)	(1)	Common Stock	2,517,278	\$0.00	0	I	By Avalon Ventures X, L.P. <sup>(2)</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 Preferred Stock	(1)	12/11/2018		C			1,821,156	(1)	(1)	Common Stock	1,136,631	\$0.00	0	I	By Avalon X SPV I, L.P. <sup>(2)</sup>

**Explanation of Responses:**

- Automatic conversion, in connection with the Issuer's initial public offering, of preferred stock into shares of common stock on a 1.60224-to-1 basis. The shares have no expiration date.
- The Reporting Person is a managing member of Avalon Ventures X GP LLC and Avalon Ventures X SPV GP LLC, the general partners of Avalon Ventures X, L.P. and Avalon X SPV I, L.P., and shares voting and investment power with respect to the shares held by Avalon Ventures X, L.P. and Avalon X SPV I, L.P. The Reporting Person disclaims beneficial ownership of the shares held by Avalon Ventures X, L.P. and Avalon X SPV I, L.P., except to the extent of his actual pecuniary interest therein if any.
- The shares were purchased at the Issuer's initial public offering.

**Remarks:**

/s/ Christian V. Kuhlen,  
Attorney-in-Fact                      12/13/2018

\*\* 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.

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