

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**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*			2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
<u>Blake John T</u>			<u>aTYR PHARMA INC</u> [ <u>LIFE</u> ]		Director 10% Owner	
(Last) (First) (Middle)			3. Date of Earliest Transaction (Month/Day/Year)		X Officer (give title below) Other (specify below)	
<u>3545 JOHN HOPKINS COURT, SUITE 250</u>			<u>02/07/2017</u>		<u>Senior Vice President, Finance</u>	
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line)	
<u>SAN DIEGO CA 92121</u>					X Form filed by One Reporting Person	
(City) (State) (Zip)					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		

**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				
Employee Stock Option (right to buy)	\$3.3	02/07/2017		A	55,000	(1) 03/07/2027	Common Stock 55,000	\$0.00	55,000	D	
Restricted Stock Unit	(2)	02/07/2017		A	10,000	(3) (3)	Common Stock 10,000	\$0.00	10,000	D	

**Explanation of Responses:**

- The shares subject to this option shall vest and become exercisable in 48 equal monthly installments beginning March 7, 2017, such that this option will be fully exercisable on February 7, 2021. This option is subject to accelerated vesting upon termination without cause upon change of control of the issuer.
- Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- The restricted stock units (RSUs) are scheduled to vest in three equal annual installments beginning on February 7, 2018, such that this grant will be fully vest on February 7, 2020. This grant is subject to accelerated vesting upon termination without cause upon a change of control of the Issuer.

**Remarks:**

Nancy D. Krueger, attorney-in-fact 02/09/2017

\*\* 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 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.