FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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* SCHIMMEL PAUL						2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>aTYR PHARMA INC</u> [ LIFE ]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner Officer (give title Other (specify					
(Last) (First) (Middle) C/O ATYR PHARMA, INC. 3545 JOHN HOPKINS COURT, SUITE #250						3. Date of Earliest Transaction (Month/Day/Year) 05/12/2015								below)	give the		below)	эреспу	
(Street) SAN DIEGO CA 92121					- 4. -	4. If Amendment, Date of Original Filed (Month/Day/Year)							6.	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(St	tate)	(Zip)																
1. Title of Security (Instr. 3) Date			2. Tran Date	sactio			Code (Instr.		ies Acquire	d (A) or	5. Amount Securities	5. Amount of Securities Beneficially Owned		Direct I ndirect I	7. Nature of Indirect Beneficial Ownership				
								Code	v	Amount	(A) or (D)	Price	Reported Transaction (Instr. 3 and	n(s) d 4)			(Instr. 4)		
Common Stock												12,5	72	D					
Common Stock 05			05/1	12/20	2/2015		С		31,18	<b>1 A</b> (1		31,18	31,181 <sup>(2)</sup>			See Footnote <sup>(3)</sup>			
Common	Common Stock			05/1	12/20	2/2015		С		470,02	20 A		600,02	15 <sup>(2)</sup>			See Footnote <sup>(4)</sup>		
Common	Common Stock 0		05/1	12/20	2/2015		С		46,15	52 A (5)		646,10	67 <sup>(6)</sup>	Ι		See Footnote <sup>(4)</sup>			
			Table II ·					ties Acq warrants						Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/\	ate, 1		ransaction ode (Instr.		n Derivative		6. Date Exercisable a Expiration Date (Month/Day/Year)		7. Title and Amo Securities Under Derivative Secur (Instr. 3 and 4)			9. Num derivati Securit Benefic Owned Followi Report	ive ies cially ing ed	10. Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownershi t (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amount o Number o Shares		Transa (Instr. 4	ction(s) l)			
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			248,024	(1)		(1)	Common Stock	31,181	<sup>2)</sup> \$0.00	(	0	I	See Footnote <sup>(3</sup>	
Series A Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			525,000	(1)		(1)	Common Stock	66,004	<sup>2)</sup> \$0.00	(	0	I	See Footnote <sup>(4</sup>	
Series B Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			1,200,000	(1)		(1)	Common Stock	150,865	<sup>(2)</sup> \$0.00	(	0	I	See Footnote <sup>(4</sup>	
Series B-2 Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			1,440,058	(1)		(1)	Common Stock	181,046	<sup>(2)</sup> \$0.00	(	0 I		See Footnote <sup>(4</sup>	
Series C Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			558,508	(1)		(1)	Common Stock	70,216	<sup>2)</sup> \$0.00	(	0	I	See Footnote <sup>(4</sup>	
Series D Redeemable Convertible Preferred Stock	(1)	05/12/2015			С			15,031	(1)		(1)	Common Stock	1,889 <sup>(2</sup>	<sup>!)</sup> \$0.00	(	0	I	See Footnote <sup>(4</sup>	
Series E Redeemable Convertible Preferred Stock	(3)	05/12/2015			С			446,827	(5)		(5)	Common Stock	46,152	<sup>6)</sup> \$0.00	(	0	I	See Footnote <sup>(4</sup>	

Explanation of Responses:

1. The aggregate number of shares of Issuer's Preferred Stock held by the Reporting Person converted into Common Stock immediately prior to the closing of the Issuer's initial public offering and has no expiration date. These shares converted into Common Stock on a 1-for-7.95413 basis.

2. Reflects a 1-for-7.95413 stock conversion of the Issuer's Preferred Stock into Common Stock which became effective immediately prior to the closing of the Issuer's initial public offering,

3. These shares are owned directly by Paul R. Schimmel Prototype PSP. The Reporting Person is the sole owner of the Paul R. Schimmel Prototype PSP.

4. These shares are owned directly by Schimmel Revocable Trust U/A Dtd 9/6/2000. The Reporting Person is the sole trustee of the Schimmel Revocable Trust U/A Dtd 9/6/2000.

5. The aggregate number of shares of Issuer's Preferred Stock held by the Reporting Person converted into Common Stock immediately prior to the closing of the Issuer's initial public offering and has no expiration date. These shares converted into Common Stock on a 1-for-9.6814 basis.

6. Reflects a 1-for 9.6814 stock conversion of the Issuer's Preferred Stock into Common Stock which became effective immediately prior to the closing of the Issuer's initial public offering.

**Remarks:** 

## /s/ Nancy Krueger, as Attorney-05/14/2015

Date

<u>in-Fact</u> \*\* Signature of Reporting Person

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.