

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>SCHIMMEL PAUL</u> <hr/> (Last) (First) (Middle) <u>C/O ATYR PHARMA, INC.</u> <u>10240 SORRENTO VALLEY ROAD, SUITE 300</u> <hr/> (Street) <u>SAN DIEGO CA 92121</u> <hr/> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>aTYR PHARMA INC [ ATYR ]</u> <hr/> 3. Date of Earliest Transaction (Month/Day/Year) <u>07/22/2024</u> <hr/> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.		

**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	07/22/2024		P		41,052	A	\$1.7417 <sup>(1)</sup>	354,075	I	See Footnote <sup>(2)</sup>
Common Stock	07/23/2024		P		6,648	A	\$1.8163 <sup>(3)</sup>	360,723	I	See Footnote <sup>(2)</sup>
Common Stock	07/24/2024		P		52,300	A	\$1.9319 <sup>(4)</sup>	413,023	I	See Footnote <sup>(2)</sup>
Common Stock								8,890	D	
Common Stock								679,143	I	See Footnote <sup>(5)</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					

**Explanation of Responses:**

1. Represents weighted average price for the shares. The shares were purchased at prices ranging from \$1.71 to \$1.78 per share. The reporting person will provide to the Securities and Exchange Commission staff, the issuer, or any security holder of the issuer, upon request, full information regarding the number of shares purchased at each separate price.
2. These shares are owned by Paul Schimmel Prototype PSP, Paul Schimmel Trustee, FBO Paul Schimmel. The Reporting Person is the sole owner of the Paul Schimmel Prototype PSP, Paul Schimmel Trustee, FBO Paul Schimmel.
3. Represents weighted average price for the shares. The shares were purchased at prices ranging from \$1.775 to \$1.86 per share. The reporting person will provide to the Securities and Exchange Commission staff, the issuer, or any security holder of the issuer, upon request, full information regarding the number of shares purchased at each separate price.
4. Represents weighted average price for the shares. The shares were purchased at prices ranging from \$1.88 to \$1.96 per share. The reporting person will provide to the Securities and Exchange Commission staff, the issuer, or any security holder of the issuer, upon request, full information regarding the number of shares purchased at each separate price.
5. These shares are owned directly by Schimmel Revocable Trust U/A Dtd 9/6/2000. The Reporting Person and his spouse are trustees of the Schimmel Revocable Trust U/A Dtd 9/6/2000.

/s/ Nancy E. Denyes, as  
Attorney-in-Fact  
 \*\* Signature of Reporting Person      Date      07/24/2024

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.**