FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
vvasiliigtoii,	D.C.	20049

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPROVAL								
	OMB Number: 3235-028 Estimated average burden								
	hours per response:	0.5							

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

	od Address of Svetlana	Reporting Person*			<u>a</u> T	YR	PHAF	RMA	ker or Trading	IFE ]		(Che	elationship of the control of the co	cable)	Person(s) to Iss		
(Last)	`	•	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 05/22/2024							Officer below)	(give title	Other (s below)	specify	
C/O ATYR PHARMA, INC. 10240 SORRENTO VALLEY ROAD, SUITE 300					4.1	4. If Amendment, Date of Original Filed (Month/Day/Year)						Line	6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person				
(Street) SAN DII	EGO CA	A	92121			ulo 1	10h5 :	1(0)	Transac	ation Ind	ioation		Form fi Person		han One Repo	rting	
(City)	(S	tate)	(Zip)			Chec	k this box	to indi		saction was n	nade pursua			n or written pla	n that is intended	i to	
		Tab	le I - Non	-Deriv	/ativ	e Sec	curities	s Ac	quired, Di	sposed o	f, or Be	neficiall	y Owned				
1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)					Execution D		Date,	Code (Inst				5. Amour Securitie Beneficia Owned F Reported	ies Formula (D) (D) (I) (I) (I) (I) (I) (I) (I) (I) (I) (I	orm: Direct )) or Indirect (Instr. 4)	7. Nature of Indirect Beneficial Ownership Instr. 4)		
									Code V	Amount	(A) or (D) Price		Transact (Instr. 3 a	ion(s)		msu. 4)	
		1							uired, Dis , options,			•	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 Date, if any (Month/Day/Year)	ate, T	4. Transaction Code (Instr. 8)		of		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					
Stock Option (right to buy)	\$1.86	05/22/2024			A		24,000		(1)	05/22/2034	Common Stock	24,000	\$0.00	24,000	D		

## **Explanation of Responses:**

1. The option, granted pursuant to the Issuer's non-employee director compensation policy, vests in full on the earlier of (i) May 22, 2025 or (ii) the Issuer's 2025 Annual Meeting of Stockholders, subject to the Reporting Person's continued service on the Board of Directors.

/s/ Nancy E. Denyes, as Attorney-in-Fact

05/23/2024

\*\* 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.