Instruction 1(b)

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
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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

Name and Address of Reporting Person* Jorgensen Nathan D.						2. Issuer Name and Ticker or Trading Symbol Vor Biopharma Inc. [VOR]								(Che	ck all applic Directo	,		son(s) to Iss 10% Ov Other (s	vner	
	R BIOPHA	RMA INC.	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 02/06/2023									X Officer (give title Officer Specify below) Chief Financial Officer					
100 CAMBRIDGEPARK DRIVE, SUITE 101					4.1	f Ame	endment, I	Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable								plicable				
(Street) CAMBR	IDGE M	A	02140											Line)	Form filed by More than			ŭ		
(City)	(S	tate)	(Zip)												Person	Person				
		Tab	le I - Noi	n-Deriv	vative	e Se	curities	s Ac	quired,	Dis	posed c	f, or Be	enefi	cially	Owned					
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da						Execution Date,		Code (5. Amount of Securities Beneficially Owned Following Reported		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount	(A) (D)	or P	rice	Transact (Instr. 3	ion(s)			(IIISti. 4)	
Common Stock 02/06/				6/202	A 45,500 ⁽¹⁾ A			\$0.00	160,769			D								
	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. Deeme Execution if any (Month/Day	Date,	4. Transaction Code (Instr 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)		•	7. Title and Amo of Securities Underlying Derivative Secu (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	e s lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code		(A)	(D)	Date Exercisab		Expiration Date	Title	or	ount nber res						
Employee Stock Option (right to buy)	\$5.55	02/06/2023			A		91,000		(2)		02/05/2033	Common	91,	000	\$0.00	91,00	0	D		

Explanation of Responses:

- 1. Represents the number of shares underlying restricted stock units ("RSUs"). Each RSU represents the contingent right to receive one share of common stock of the Issuer. The RSUs vest over four years in equal quarterly installments beginning February 6, 2023, subject to the Reporting Person's continued service as of each such date.
- 2. The shares shall vest and become exercisable in a series of 48 successive equal monthly installments beginning on February 6, 2023, in each case subject to the Reporting Person's continued service as of each such date.

Remarks:

/s/ Rich Segal, Attorney-in-Fact 02/08/2023

** 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.