FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Machinaton	D C	20540
Washington,	D.C.	20049

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).

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>Verni Christopher</u>				2. Issuer Name and Ticker or Trading Symbol Vigil Neuroscience, Inc. [VIGL]							eck all applic Directo	irector		10% Ov	ner		
(Last)	,	irst) ENCE, INC.	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 03/01/2024							below)	(give title Genera	l Cou	Other (s below) nsel	ресіту
100 FORGE ROAD, SUITE 700				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)					Line	6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) WATER	TOWN M	ΙA	02472										Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	3)	State)	(Zip)		_ R	Rule 10b5-1(c) Transaction Indication 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.											
		Ta	ble I - Nor	n-Deri	ivativ	/e Se	ecurities	Ac	quired, D	isposed	of, or Be	neficially	Owned				
1. Title of Security (Instr. 3) 2. Transc Date (Month/L					action 2A. Deemed Execution Date, if any (Month/Day/Yea		Date,	Code (Instr.		ed (A) or str. 3, 4 and t	Beneficia Owned F	s For illy (D) ollowing (I) (: Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code V	Amount	(A) (D)	Price	Reported Transacti (Instr. 3 a	ion(s)			115tr. 4)	
	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 Day if any (Month/Day/	-		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		e s (A) sed str.	6. Date Exercisable and Expiration Date (Month/Day/Year) Title and Am of Securities Underlying Derivative Sect (Instr. 3 and 4)		ties ng e Security	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)			
Stock Option Grant (Right to Buy)	\$3.39	03/01/2024			A		116,000		(1)	03/01/2034	Common Stock	116,000	\$0.00	116,00	00	D	

Explanation of Responses:

1. This stock option award was issued pursuant to the Issuer's 2021 Stock Option and Incentive Plan and the shares subject to this stock option shall vest and become exercisable in forty-eight (48) equal monthly installments, with the first installment vesting on April 1, 2024.

/s/ Christopher Verni

03/01/2024

** 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.