Instruction 1(b).

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

OMB APPROVAL											
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hours ner resnonse	. 0.5										

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* Moran Kyle				2. Issuer Name and Ticker or Trading Symbol Wave Life Sciences Ltd. [WVE]									all app Direc		ng Per	10% O	vner		
(Last)	,	,	(Middle))		3. Date of Earliest Transaction (Month/Day/Year) 04/03/2024							X	below	er (give title v) Chief Finar	ncial	Other (s below) Officer	specify	
C/O WAVE LIFE SCIENCES LTD., 733 CONCORD AVE.					4. If Amendment, Date of Original Filed (Month/Day/Year)								Individual or Joint/Group Filing (Check Applicable Line)						
(Street) CAMBRIDGE MA 02138														X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City) (State) (Zip) Rule 10b5-1(c) Transaction Indication X Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan the satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.											an that is inte	ended to							
		Tabl	e I - N	on-Deriva	tive S	Secui	rities	Acc	quirec	d, Dis	posed of	, or B	enefici	ally	Own	ed			
Date					2. Transaction Date 2A. Deemed Execution Da if any (Month/Day/Y		,	3. Transaction Code (Instr. 8)					4 and 5) Sec Be Ow		Amount of curities eneficially vned Following		n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) or (D)	Price		Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)
Ordinary Shares 04/03/20)24			S ⁽¹⁾		15,630	D	\$6.16	59 ⁽²⁾ 33		3,921(3)		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 Exercis Price of Derivative Security		Exect if any	eemed ution Date, th/Day/Year)	4. Transaction Code (Instr. 8) S. Numb of Derivativ. Securitie Acquirer (A) or Dispose of (D) (Instr. 3, and 5)		vative rities pired r osed)	6. Date Exercisable and Expiration Date (Month/Day/Year) Date Expiration		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)		

Explanation of Responses:

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 21, 2023.
- 2. The price reflected is the weighted-average sale price for shares sold. The shares were sold in multiple transactions and the range of sale prices for the transactions reported was \$6.115 to \$6.23 per share. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.
- 3. Includes 3,431 ordinary shares acquired on January 14, 2024, under the issuer's 2019 Employee Share Purchase Plan.

/s/ Kyle Moran

04/05/2024

** 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.