FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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* HENRY CHRISTIAN O						2. Issuer Name and Ticker or Trading Symbol Wave Life Sciences Ltd. [WVE]								 Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owne 						
(Last)	(F	rst) (Middle)				3. Date of Earliest Transaction (Month/Day/Year) 08/12/2024									Officer below)	(give title		Other (s below)	pecify	
C/O WAVE LIFE SCIENCES LTD., 733 CONCORD AVE.						4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person					
(Street) CAMBRIDGE MA 02138						Form filed by More Person											e than	One Repor	ting	
(City) (State) (Zip)					Ru	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.													l to	
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transa Date (Month/D						ar)	A. Deemed Execution Date, f any Month/Day/Year)		Code (I	Transaction Disposed Code (Instr. 5)		ties Acquired (A) or I Of (D) (Instr. 3, 4 and				es ally following	Form (D) o		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) c (D)	r Pri	ice	Reported Transact (Instr. 3 a	ion(s)			(Instr. 4)	
Ordinary Shares 08/12/					2/202	2024			A		16,115	(1) A	\$	00.00	16,	,115		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. Transactio Code (Inst 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		E	s. Price of Derivative Security Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisab		Expiration Date	Title	Amo or Num of Share	ber						
Share Option (right to	\$5.37	08/12/2024			A		32,230		(2)		08/12/2029	Ordinary Shares	32,2	230	\$0.00	32,230)	D		

Explanation of Responses:

- 1. The reporting person was granted this restricted share unit award (RSU) pursuant to the 2024 Non-Employee Director Compensation Policy. The RSU vests as to 100% of the shares on the earlier of the Company's 2025 annual general meeting or August 12, 2025.
- 2. The reporting person was granted this option pursuant to the 2024 Non-Employee Director Compensation Policy. The option vests as to 100% of the shares on the earlier of the Company's 2025 annual general meeting or August 12, 2025.

/s/ Christian Henry

08/14/2024

** 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.