

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 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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Tanaka Masaharu</u> (Last) (First) (Middle) C/O KAGOSHIMA SHINSANGYO SOUSEI INVEST. L.P., 1-3-34 MEIZAN-CHO, KAGOSHIMA CITY (Street) KAGOSHIMA M0 891-0122 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Wave Life Sciences Ltd. [WVE]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/15/2017	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Ordinary Shares	09/15/2017		S		14,385	D	\$24.22 ⁽¹⁾	2,780,480	I	See Footnote ⁽²⁾⁽³⁾
Ordinary Shares	09/18/2017		S		6,362	D	\$24.19 ⁽⁴⁾	2,774,118	I	See Footnote ⁽²⁾⁽³⁾

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 Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		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)					

1. Name and Address of Reporting Person*
Tanaka Masaharu
 (Last) (First) (Middle)
 C/O KAGOSHIMA SHINSANGYO SOUSEI INVEST.
 L.P., 1-3-34 MEIZAN-CHO, KAGOSHIMA CITY
 (Street)
 KAGOSHIMA M0 891-0122
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Kagoshima Shinsangyo Sousei Investment Limited Partnership
 (Last) (First) (Middle)
 1-3-34 MEIZAN-CHO, KAGOSHIMA CITY
 (Street)
 KAGOSHIMA M0 891-0122
 (City) (State) (Zip)

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$23.60 to \$24.50, inclusive. The reporting person undertakes to provide to

the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission (the "SEC"), upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

2. Shares held by Kagoshima Shinsangyo Sousei Investment Limited Partnership ("KSS"). Masaharu Tanaka previously was a director of the Issuer and the representative director of Kagoshima Development Co., Ltd., the general partner of KSS. Mr. Tanaka resigned as a director of the Issuer and resigned as an employee of Kagoshima Development Co., Ltd. and, as a result of the resignations, may no longer be deemed to beneficially own the securities previously reported in prior Form 3 and Form 4 filings filed jointly with KSS. The filing of this Form 4 shall not be construed as an admission that Mr. Tanaka is or was for the purposes of Section 16(a) of the Act, or otherwise, the beneficial owner of any of the reported securities.

3. (Continued from footnote 2) As a result of Mr. Tanaka's resignation as director and the reduction in the number of Ordinary Shares beneficially owned upon the sale of Ordinary Shares reported in Table I, Mr. Tanaka and KSS are no longer subject to Section 16 of the Securities Exchange Act of 1934, as amended.

4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$23.62 to \$24.35, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the SEC, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

Remarks:

/s/ Masaharu Tanaka 09/19/2017

Kagoshima Shinsangyo Sousei
Investment Limited

Partnership, By: Kagoshima

Development Co. Ltd., Its: 09/19/2017

General Partner, By: /s/ Satoru

Motomura, its authorized

signatory

** 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.