FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

his box if no longer subject to
16. Form 4 or Form 5
ons may continue. See

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden 0.5

Section obligate	this box if no long 16. Form 4 or ions may continution 1(b).		MENT OF CHANGES IN BENEFICIAL OWNERSHIP Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940													3235-0287 den 0.5					
											Symbol <u>nc.</u> [ARF	PO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner								
()						3. Date of Earliest Transaction (Month/Day/Year) 04/03/2019										Officer (give title Other (specify below) below)					
(Street) BASEL V8 CH-4002					- 4. If	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 X Form filed by More than One Reporting Person						
(City)	(Si	ate) (Zip)																		
		Tab	le I - No	n-Deriv	/ative	Sec	uritie	s Acc	quired	, Dis	sposed o				Owne	d		-			
Dat					2. Transaction Date Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		5)		ed (A) or tr. 3, 4 a	nd S B O	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) or (D)	Price	_ Ti	ransact nstr. 3 a	tion(s)					
Common	04/03/				S		58,033	D	\$0.9	06(1)	5,193	5,193,108		I	See Footnote ⁽⁴⁾						
Common Stock 04/04/201)19		S		47,900	D	\$1.01(2)		5,145,208			I	See Footnote ⁽⁴⁾		
Common Stock 04/05/2019									S		24,661 D		\$1.0)2 ⁽³⁾	5,120,547			I	See Footnote ⁽⁴⁾		
		Ta	able II -								osed of, convertib				ned						
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. Transactic Code (Inst		5. Number on of		6. Date Exerci Expiration Da (Month/Day/Y		isable and te	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Prio Derive Secur (Instr.	ative rity . 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	Owners Form: Direct (or Indir (I) (Inst	Ownership	Beneficial Ownership (Instr. 4)		
					Code	v	(A)	(D)	Date Exercis	able	Expiration Date		Amount or Number of Shares								
1	nd Address of is Bioven	Reporting Person* tures Ltd																			
(Last) C/O NO WSJ-200		(First) TERNATIONAI	•	ddle)																	
(Street) BASEL	•																				
(City)		(State)	(Zip)		_															
1. Name a						-															
<u>NOVA</u>	nd Address of RTIS AG	Reporting Person*																			

V8

(State)

CH 4056

(Zip)

LICHTSTRASSE 35

(Street) **BASEL**

(City)

- 1. Reflects sales of common stock executed in multiple transactions at prices ranging from \$0.93 to \$1.01. The price reported reflects the weighted average sale price. The Reporting Persons hereby undertake to provide upon request to the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
- 2. Reflects sales of common stock executed in multiple transactions at prices ranging from \$0.98 to \$1.02. The price reported reflects the weighted average sale price. The Reporting Persons hereby undertake to provide upon request to the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
- 3. Reflects sales of common stock executed in multiple transactions at prices ranging from \$0.99 to \$1.05. The price reported reflects the weighted average sale price. The Reporting Persons hereby undertake to provide upon request to the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
- 4. The shares are directly owned by Novartis Bioventures Ltd. Novartis Bioventures Ltd is a wholly-owned indirect subsidiary of Novartis AG, which is an indirect beneficial owner of the reported securities.

Remarks:

/s/ Bartosz Dzikowski,
Secretary of the Board of
Novartis Bioventures Ltd
/s/ Florian Muellershausen,
Authorized Signatory on behalf of Novartis Bioventures Ltd
/s/ Bartosz Dzikowski,
Authorized Signatory on behalf of Novartis AG
/s/ Florian Muellershausen,
Authorized Signatory on behalf od/05/2019

of Novartis AG

** 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.