FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPRO	VAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Instruct	ion 1(b).			Filed								es Exchang		f 193	34					
		Reporting Person		<u>l</u>						er or Trac utics, I		Symbol NTLA]			ck all app		Ü	()	
Research, Inc.					3. Date of Earliest Transaction (Month/Day/Year) 03/03/2017									Director X 10% Owner Officer (give title Other (specify below) below)						
(Last) 250 MA	(Fir SSACHUSE	st) (I	Middle)		4. If A	Am	nendm	ent, I	Date o	of Original	Filed	i (Month/D	ay/Year)	6. In)	or Joint/Grou		• ,	
(Street)	IDGE MA	A 0)2139												X	Eom	n filed by One n filed by Mor on			
(City)	(Sta	ate) (Z	Zip)																	
		Tabl	e I - N	lon-Deriv	ative	Se	ecuri	ties	Acq	uired,	Disp	osed of	, or B	ene	ficiall	y Own	ed			
1. Title of	Security (Inst	tr. 3)		2. Transac Date (Month/Da		E if	A. Dee Executi f any Month	on D	ate,	3. Transac Code (In 8)		4. Securi Disposed and 5)				Secur	ficially d	Fo (D)	Ownership rm: Direct) or direct (I) str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
										Code	v	Amount	(A) (D)	or	Price	Repor		,	30. 4)	(111301. 4)
Common	Stock			03/03/2	2017					J ⁽¹⁾		79,24	5 A		\$0.00	5,6	552,903		D ⁽²⁾	
		Та	ble II	- Derivat (e.g., pu								sed of, o				Owned	l			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	if any	emed ion Date, n/Day/Year)	4. Transa Code (8)		ion or str. D S A (// D or (I	f eriva ecuri cqui () or ispo f (D)	sed 3, 4	6. Date E Expiratio (Month/D	n Dat	te	7. Title Amoun Securit Underly Derivat Securit 3 and 4	t of es ving ve y (Ins	of De Se (In	Price f erivative ecurity nstr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code		v (4	()	(D)	Date Exercisal		Expiration Date	Title	Amo or Num of Shar	ber					
		f Reporting Person es for BioMe		l Resea	rch,															
(Last)		(First)	(Mi	iddle)																
(Street)	IDGE	MA	02	2139																
(City)		(State)	(Zi	p)		_														

1. Name and Address of Reporting Person* NOVARTIS AG								
(Last) LICHTSTRA	(First) SSE 35	(Middle)						
(Street)								
BASEL	V8	CH4056						
(City)	(State)	(Zip)						

Explanation of Responses:

- 1. Pro rata distribution from Atlas Venture Fund IX, L.P., of which Novartis Institutes for BioMedical Research, Inc. ("NIBRI") is a limited partner.
- 2. The shares are held directly by NIBRI. NIBRI is an indirect wholly-owned subsidiary of Novartis AG.

Remarks:

NOVARTIS INSTITUTES
FOR BIOMEDICAL
RESEARCH, INC., By: /s/
Scott Brown, Vice President
and General Counsel
NOVARTIS AG, By: /s/ Katja
Roth Pellanda and /s/
Christian Rehm

03/07/2017

** 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.