

Novartis Institutes for BioMedical Research, Inc.  
 Form 3  
 March 27, 2018

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
 Expires: January 31, 2015  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Novartis Institutes for BioMedical Research, Inc.			(Month/Day/Year)	Homology Medicines, Inc. [FIXX]	
(Last)	(First)	(Middle)		4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
250 MASSACHUSETTS AVENUE				(Check all applicable)	
(Street)				<input type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner
CAMBRIDGE, MA 02139				<input type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)		(give title below)	(specify below)
				6. Individual or Joint/Group Filing(Check Applicable Line)	
				<input type="checkbox"/> Form filed by One Reporting Person	
				<input checked="" type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

				Shares		or Indirect (I) (Instr. 5)	
Series B Preferred Stock	Â (1)	Â (1)	Common Stock	1,979,226	\$ (1)	D (2)	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Novartis Institutes for BioMedical Research, Inc. 250 MASSACHUSETTS AVENUE CAMBRIDGE, MA 02139	Â	Â X	Â	Â
NOVARTIS AG LICHTSTRASSE 35 BASEL, V8 CH 4056	Â	Â X	Â	Â

## Signatures

Novartis Institutes for BioMedical Research, Inc., By: /s/ Scott A. Brown, VP, General Counsel 03/27/2018

\*\*Signature of Reporting Person Date

Novartis AG, By: /s/ Stefan Thommen, Authorized Signatory, By: /s/ Susan Jones, Authorized Signatory 03/27/2018

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) The preferred stock is convertible into the Issuer's common stock on a one-for-one basis at the holder's election and has no expiration date. The preferred stock will automatically convert into common stock upon the closing of the Issuer's initial public offering.  
The securities reported herein are held of record by Novartis Institutes for BioMedical Research, Inc. ("NIBRI"). NIBRI is an indirect
- (2) wholly-owned subsidiary of Novartis AG. Novartis AG may therefore be deemed to have or share beneficial ownership of the Series B Preferred Stock held directly by NIBRI.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.