GENOCEA BIOSCIENCES, INC.

Form 4

August 12, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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obligations

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, may continue.

(Middle)

(Zin)

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Polaris Venture Management Co. V, L.L.C.

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

GENOCEA BIOSCIENCES, INC.

(Check all applicable)

[GNCA]

08/08/2014

(Last) (First) 3. Date of Earliest Transaction (Month/Day/Year)

Director X 10% Owner _ Other (specify Officer (give title below)

C/O POLARIS VENTURE PARTNERS, 1000 WINTER

(State)

STREET SUITE 3350

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

Form filed by One Reporting Person _X_ Form filed by More than One Reporting

Person

WALTHAM, MA 02451

(City)

(City)	(State)	Table Table	e I - Non-D	Derivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4	sposed	of (D)	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)
Common Stock	08/08/2014		Code V	Amount 41,376 (1)	(D)	Price \$ 13.41 (2)	2,087,306 (3)	I	By the Polaris Funds (4)
Common Stock	08/11/2014		S	1,428 (6)	D	\$ 13.24 (7)	2,085,878 (8)	I	By the Polaris Funds (4)
Common Stock	08/12/2014		S	20,990 (9)	D	\$ 13.03	2,064,888 (11)	I	By the Polaris

(10)

Funds (4) (5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

SEC 1474 (9-02)

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)	of Derivative Securities Acquired (A) or	.	ate	Amou Unde Secur	le and ant of rlying rities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
2 0		10% Owner	Officer	Other		
Polaris Venture Management Co. V, L.L.C. C/O POLARIS VENTURE PARTNERS 1000 WINTER STREET SUITE 3350 WALTHAM, MA 02451		X				
Polaris Venture Partners V, L.P. C/O POLARIS VENTURE PARTNERS 1000 WINTER STREET SUITE 3350 WALTHAM, MA 02451		X				
Polaris Venture Partners Entrepreneurs' Fund V, L.P. C/O POLARIS VENTURE PARTNERS 1000 WINTER STREET SUITE 3350 WALTHAM, MA 02451		X				
Polaris Venture Partners Founders' Fund V, L.P. C/O POLARIS VENTURE PARTNERS 1000 WINTER STREET SUITE 3350 WALTHAM, MA 02451		X				

Reporting Owners 2 Polaris Venture Partners Special Founders' Fund V, L.P. C/O POLARIS VENTURE PARTNERS 1000 WINTER STREET SUITE 3350 WALTHAM, MA 02451

X

Signatures

/s/Robert E. Farrell, Jr., attorney-in-fact for Polaris Venture Management Co. V, L.L.C.	08/12/2014
**Signature of Reporting Person	Date
/s/Robert E. Farrell, Jr., attorney-in-fact for Polaris Venture Partners V, L.P.	08/12/2014
**Signature of Reporting Person	Date
/s/Robert E. Farrell, Jr., attorney-in-fact for Polaris Venture Partners Entrepreneurs' Fund V, L.P.	08/12/2014
**Signature of Reporting Person	Date
**Signature of Reporting Person /s/Robert E. Farrell, Jr., attorney-in-fact for Polaris Venture Partners Founders' Fund V, L.P.	Date 08/12/2014
<u>-</u> : :	
/s/Robert E. Farrell, Jr., attorney-in-fact for Polaris Venture Partners Founders' Fund V, L.P.	08/12/2014

Explanation of Responses:

- * 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).
- Consists of 39,926 shares sold by Polaris Venture Partners V, LP ("PVP-V"); 780 shares sold by Polaris Venture Partners

 Entrepreneurs' Fund V, L.P. ("PVP-E"); 273 shares sold by Polaris Venture Partners Founders' Fund V, L.P. ("PVP-F"); and 397 shares sold by Polaris Venture Partners Special Founders' Fund V, L.P. ("PVP-S"). PVP-V, PVP-E, PVP-F and PVP-S may be referred to herein collectively as the "Polaris Funds".
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.15 to \$14.08. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (3) Consists of 2,014,115 shares directly beneficially owned by PVP-V; 39,252 shares directly beneficially owned by PVP-E; 13,797 shares directly beneficially owned by PVP-F; and 20,142 shares directly beneficially owned by PVP-S.
 - North Star Venture Management 2000, LLC directly or indirectly provides investment advisory services to various venture capital funds, including the Polaris Funds. Jonathan Flint and Terrance McGuire, managing members of North Star Venture Management 2000, LLC, exercise voting and investment power with respect to North Star Venture Management, 2000. Each of the Polaris Funds
- has the sole voting and investment power with respect to the shares of the Issuer directly held by the applicable Polaris Fund. The respective general partners of the Polaris Funds may be deemed to have sole voting and investment power with respect to the shares held by such funds. The respective general partners disclaim beneficial ownership of all the shares held by the Polaris Funds, and this report shall not be deemed an admission of beneficial ownership of such shares for the purposes of Section 16 or for any other purpose, except to the extent of their proportionate pecuniary (footnote continued in Remarks)
 - Jonathan Flint and Terrance McGuire, managing members of Polaris Venture Management Co. V, L.L.C., exercise voting and investment power with respect to Polaris Venture Management Co. V, L.L.C. As members of the general partner and North Star Venture Management 2000, LLC, the Polaris Management Members may be deemed to share voting and investment powers for the
- shares held by the Polaris Funds. The Polaris Management Members disclaim beneficial ownership of all such shares held by the funds and this report shall not be deemed an admission of beneficial ownership of such shares for the purposes of Section 16 or for any other purpose, except to the extent of their proportionate pecuniary interests therein. Kevin Bitterman, a director of the Issuer, has an assignee interest in Polaris Venture Management Co. V, L.L.C. To the extent that he is deemed to share voting and investment powers with respect to the shares held by the Polaris Funds, Dr. Bitterman (footnote continued in Remarks)
- (6) Consists of 1,378 shares sold by PVP-V; 27 shares sold by PVP-E; 9 shares sold by PVP-F; and 14 shares sold by PVP-S.

Signatures 3

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- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.01 to \$13.33. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (8) Consists of 2,012,737 shares directly beneficially owned by PVP-V; 39,225 shares directly beneficially owned by PVP-E; 13,788 shares directly beneficially owned by PVP-F; and 20,128 shares directly beneficially owned by PVP-S.
- (9) Consists of 20,254 shares sold by PVP-V; 395 shares sold by PVP-E; 139 shares sold by PVP-F; and 202 shares sold by PVP-S.
- (10) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$13.00 to \$13.23. The Reporting Persons undertake to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (11) Consists of 1,992,483 shares directly beneficially owned by PVP-V; 38,830 shares directly beneficially owned by PVP-E; 13,649 shares directly beneficially owned by PVP-F; and 19,926 shares directly beneficially owned by PVP-S.

Remarks:

(footnote (4) continued)

interests therein. The members of North Star Venture Management 2000, LLC (the "Polaris Management Members") are also

(footnote (5) continued)

disclaims beneficial ownership of all the shares held by the funds and this report shall not be deemed an admission of beneficial 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.