

GENOCEA BIOSCIENCES, INC.  
 Form 4  
 March 04, 2015

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
 Flechtner Jessica Baker

(Last) (First) (Middle)

C/O GENOCEA BIOSCIENCES, INC., 100 ACORN DRIVE, 5TH FLOOR

(Street)

CAMBRIDGE, MA 02140

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 GENOCEA BIOSCIENCES, INC.  
 [GNCA]

3. Date of Earliest Transaction (Month/Day/Year)  
 03/02/2015

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Sr. VP of Research

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 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 Ownership (Instr. 4)
			Code	V Amount (A) or (D) Price			
Common Stock	03/02/2015		M <sup>(1)</sup>	1,470 A \$ 2.38	3,351	D	
Common Stock	03/02/2015		S <sup>(1)</sup>	1,470 D \$ 8.5	1,881	D	
Common Stock	03/02/2015		M <sup>(1)</sup>	2,284 A \$ 2.86	4,165	D	
Common Stock	03/02/2015		S <sup>(1)</sup>	2,284 D \$ 8.5	1,881	D	

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

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(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)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 2.38	03/02/2015		M <sup>(1)</sup>	1,470	<sup>(2)</sup> 06/29/2019	Common Stock	1,470
Stock Option (Right to Buy)	\$ 2.86	03/02/2015		M <sup>(1)</sup>	2,284	<sup>(3)</sup> 03/27/2020	Common Stock	2,284

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Flechtner Jessica Baker C/O GENOCEA BIOSCIENCES, INC. 100 ACORN DRIVE, 5TH FLOOR CAMBRIDGE, MA 02140			Sr. VP of Research	

## Signatures

/s/ Jonathan Poole,  
Attorney-in-Fact

03/04/2015

Signature of Reporting Person

Date

## 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).
- (1) The reported transactions were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- (2) The option was granted on 6/30/2009 and vested 100% on 12/9/2009.
- (3) The option was granted on 3/28/2010 and will vest in 48 equal monthly installments beginning on the first monthly anniversary of the grant date.

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.