

GENOCEA BIOSCIENCES, INC.

Reported by
SIBER GEORGE

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 05/22/17 for the Period Ending 05/18/17

Address	100 ACORN PARK DRIVE CAMBRIDGE, MA 02140
Telephone	617-876-8191
CIK	0001457612
Symbol	GNCA
SIC Code	2836 - Biological Products, Except Diagnostic Substances
Industry	Biotechnology & Medical Research
Sector	Healthcare
Fiscal Year	12/31

FORM 4

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

OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

[] 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 or
Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person -*			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
Siber George			GENOCEA BIOSCIENCES, INC. [GNCA]			<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner		
(Last) (First) (Middle)			3. Date of Earliest Transaction (MM/DD/YYYY)			<input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
2000 BROADWAY, PENTHOUSE 2B			5/18/2017					
(Street)			4. If Amendment, Date Original Filed (MM/DD/YYYY)			6. Individual or Joint/Group Filing (Check Applicable Line)		
NEW YORK, NY 10023						<input checked="" type="checkbox"/> Form filed by One Reporting Person		
(City) (State) (Zip)						<input type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	5/18/2017		M		1680	A	\$2.38	3697	D	
Common Stock	5/18/2017		M		10084	A	\$1.67	13781	D	
Common Stock	5/18/2017		M		19281	A	\$2.38	33062	D	
Common Stock	5/18/2017		P		31045	D (1)	\$6.02	2017	D	
Common Stock	5/19/2017		M		11230	A	\$2.38	13247	D	
Common Stock	5/19/2017		M		11057	A	\$2.86	24304	D	
Common Stock	5/19/2017		P		22287	D (2)	\$6.07	2017	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Option to purchase Common Stock	\$1.67	5/18/2017		M		10084		(3)	6/12/2017	Common Stock	10084.0	\$1.67	0	D	
Option to purchase Common Stock	\$2.38	5/18/2017		M		1680		(3)	6/18/2018	Common Stock	1680.0	\$2.38	0	D	
Option to purchase Common Stock	\$2.38	5/18/2017		M		19281		(4)	6/30/2019	Common Stock	19281.0	\$2.38	11230	D	
Option to purchase Common Stock	\$2.38	5/19/2017		M		11230		(4)	6/30/2019	Common Stock	11230.0	\$2.38	0	D	
Option to purchase Common Stock	\$2.86	5/19/2017		M		11057		(5)	12/17/2020	Common Stock	11057.0	\$2.86	0	D	

Explanation of Responses:

- The price reported is a weighted average price. These shares were sold in multiple transactions ranging from \$6.00 to \$6.05, inclusive. The Reporting Person undertakes to provide to the Company, any security holder of the Company 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 range.
- The price reported is a weighted average price. These shares were sold in multiple transactions ranging from \$6.00 to \$6.15, inclusive. The Reporting Person undertakes to provide to the Company, any security holder of the Company 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 range.
- The options of registrant's common stock vested as to 25% of the shares on the one-year anniversary of the grant and in equal monthly installments over the next three years thereafter.

- (4) The options of registrant's common stock vested in equal monthly installments over the first four years after the grant.
- (5) The options of registrant's common stock vested on the date of the grant.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Siber George 2000 BROADWAY PENTHOUSE 2B NEW YORK, NY 10023	X			

Signatures

/s/ Jonathan Poole, Attorney-in-Fact

5/22/2017

**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 control number.