GENOCEA BIOSCIENCES, INC.

Form SC 13D

January 26, 2018
UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549
SCHEDULE 13D
Under the Securities Exchange Act of 1934 (Amendment No)*
Genocea Biosciences, Inc.
(Name of Issuer)
Common Stock, \$0.001 par value
(Title of Class of Securities)
372427104
(CUSIP Number)
Louis S. Citron, Esq. New Enterprise Associates 1954 Greenspring Drive, Suite 600, Timonium, MD 21093 (410) 842-4000
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)
January 17, 2018
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 37	7242710	4 13D	Page 2 of 24 Pages	
1	I.R.S ABO ONL	. IDENT VE PER Y)	REPORTING PERSONS IFICATION NOS. OF SONS (ENTITIES	}
2	СНЕ	СК ТНЕ	se Associates 16, L.P.  APPROPRIATE BOX I  OF A GROUP	(F) (a)
3	SEC	USE ON	LY	
4		RCE OF RUCTIO	FUNDS (SEE DNS)	
5	LEG. REQ	AL PRO	IF DISCLOSURE OF CEEDINGS IS PURSUANT TO ITEM	
6	ORG	ANIZAT	P OR PLACE OF TON ited Partnership	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VO	OTING POWER	
	8	SHAREI 37,500,00	O VOTING POWER  O shares	
	9	SOLE DI	SPOSITIVE POWER	
	10	SHAREI 37,500,00	D DISPOSITIVE POWE.	R

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN

CUSIP No. 372	42710	)4	13D	Page 3 of 24 Pages	
1	I.R.S ABO ONI	S. I DVI LY)	DENT E PER	REPORTING PERSONS IFICATION NOS. OF SONS (ENTITIES	
2	СН	ECI	K THE	APPROPRIATE BOX IF OF A GROUP	(a) (b)
3	SEC	: U	SE ON	ILY	
4			CE OF UCTIO	FUNDS (SEE DNS)	
5	LEC REQ	GAI QUI	L PRO	I IF DISCLOSURE OF CEEDINGS IS PURSUANT TO ITEM	
6	ORG	JA]	NIZAT	P OR PLACE OF TION nited Partnership	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7		OLE Vo	OTING POWER	
	8			O VOTING POWER 00 shares	
	9		OLE Di	ISPOSITIVE POWER	
	10			O DISPOSITIVE POWER	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN

CUSIP No. 372	427104   13D   Page 4 of 24 Pages
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) NEA 16 GP, LLC
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) (b)
3	SEC USE ONLY
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)  AF
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)
6	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware Limited Liability Company
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	SOLE VOTING POWER  7 0 shares
	SHARED VOTING POWER 8 37,500,000 shares
	SOLE DISPOSITIVE POWER  9 0 shares
	SHARED DISPOSITIVE POWER 10 37,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)  OO

CUSIP No. 372	427104   13D   Page 5 of 24 Pages
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Peter J. Barris
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) (b)
3	SEC USE ONLY
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	SOLE VOTING POWER  7 0 shares
	SHARED VOTING POWER 8 37,500,000 shares
	SOLE DISPOSITIVE POWER  9 0 shares
	SHARED DISPOSITIVE POWER 10 37,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

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CUSIP No. 372	427104	13D Page 6 of 24 Pages
1	I.R.S. I ABOV ONLY	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF 'E PERSONS (ENTITIES ') Baskett
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (b)
3	SEC U	ISE ONLY
4		CE OF FUNDS (SEE RUCTIONS)
5	LEGA	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM OR 2(E)
6	ORGA	ENSHIP OR PLACE OF ANIZATION  States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER
	8	HARED VOTING POWER 7,500,000 shares
	9	OLE DISPOSITIVE POWER shares
	10	HARED DISPOSITIVE POWER 7,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 372	427104 13D Page 7 of 24 Pages
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Anthony A. Florence, Jr.
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)  (b)
3	SEC USE ONLY
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	SOLE VOTING POWER  7  0 shares
	SHARED VOTING POWER 8 37,500,000 shares
	SOLE DISPOSITIVE POWER  9 0 shares
	SHARED DISPOSITIVE POWER 10 37,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 37	72427104   13D   Page 8 of 24 Pages				
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Mohamad H. Makhzoumi				
2	CHECK THE APPROPRIATE BOX IF (a MEMBER OF A GROUP	a) b)			
3	SEC USE ONLY				
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION  United States citizen				
NUMBER OF SHARES	SOLE VOTING POWER 7 0 shares				
BENEFICIALLY OWNED BY EACH	Y SHARED VOTING POWER 8 37,500,000 shares				
REPORTING PERSON WITH	SOLE DISPOSITIVE POWER  9 0 shares				
	SHARED DISPOSITIVE POWER				

37,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 372	42710	)4	13D	Page 9 of 24 Pages	
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Joshua Makower				
2	CHI	ЕСЕ	K THE	APPROPRIATE BOX IF OF A GROUP	(a) (b)
3	SEC	U	SE ON	LY	
4			CE OF UCTIO	FUNDS (SEE DNS)	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	ORG	GA]	NIZAT	P OR PLACE OF TION citizen	
NUMBER OF	7		OLE Vo	OTING POWER	
SHARES BENEFICIALLY OWNED BY EACH	8			O VOTING POWER 00 shares	
REPORTING PERSON WITH	9		OLE Di	ISPOSITIVE POWER	
	10			O DISPOSITIVE POWER	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

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CUSIP No. 3724	427104	13D	Page 10 of 24 Pages		
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) David M. Mott				
2			E APPROPRIATE BOX IF OF A GROUP	(a) (b)	
3	SEC U	SE ON	ILY		
4	SOUR INSTR		FUNDS (SEE ONS)		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	ORGA	NIZA	P OR PLACE OF ΓΙΟΝ citizen		
NUMBER OF SHARES	7	OLE V shares	OTING POWER		
BENEFICIALLY OWNED BY EACH	8		D VOTING POWER 00 shares		
REPORTING PERSON WITH	9	OLE D shares	ISPOSITIVE POWER		
	10		D DISPOSITIVE POWER		

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 39.7%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 372	427104   13D   Page 11 of 24 Pages				
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Chetan Puttagunta				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) (b)				
3	SEC USE ONLY				
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States citizen				
NUMBER OF	SOLE VOTING POWER  7  0 shares				
SHARES BENEFICIALLY OWNED BY EACH	SHARED VOTING POWER 8 37,500,000 shares				
REPORTING PERSON WITH	SOLE DISPOSITIVE POWER  9 0 shares				
	SHARED DISPOSITIVE POWER 10 37,500,000 shares				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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CUSIP No. 372	42710	)4	13D	Page 12 of 24 Pages	
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Jon M. Sakoda				
	JOH	IVI.	Sakou	a	
2				APPROPRIATE BOX II OF A GROUP	F (a) (b)
3	SEC	US	SE ON	ILY	
4			CE OF UCTIO	FUNDS (SEE DNS)	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6			ENSHI NIZAT	P OR PLACE OF TION	
	Unit	ed	States	citizen	
NUMBER OF	7		LE Vo	OTING POWER	
SHARES BENEFICIALLY OWNED BY EACH	8			O VOTING POWER	
REPORTING PERSON WITH	9	SC	,	ISPOSITIVE POWER	
	10			O DISPOSITIVE POWER	2

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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GLIGIP VI 250	107101	110D D 12 024D
CUSIP No. 372	427104	13D Page 13 of 24 Pages
1	I.R.S. I ABOV ONLY	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF 'E PERSONS (ENTITIES ') D. Sandell
2		CK THE APPROPRIATE BOX IF (a) MBER OF A GROUP (b)
3	SEC U	JSE ONLY
4		CE OF FUNDS (SEE RUCTIONS)
5	LEGAI REQUI	EK BOX IF DISCLOSURE OF L PROCEEDINGS IS IIRED PURSUANT TO ITEM OR 2(E)
6	ORGA	ENSHIP OR PLACE OF ANIZATION  I States citizen
NUMBER OF	7	OLE VOTING POWER
SHARES BENEFICIALLY OWNED BY EACH	8	HARED VOTING POWER 7,500,000 shares
REPORTING PERSON WITH	9	OLE DISPOSITIVE POWER shares
	10	HARED DISPOSITIVE POWER 7,500,000 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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CUSIP No. 372	427104   13D   Page 14 of 24 Pages			
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Peter W. Sonsini			
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a)			
3	SEC USE ONLY			
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)			
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States citizen			
NUMBER OF SHARES	SOLE VOTING POWER  7 0 shares			
BENEFICIALLY OWNED BY EACH	SHARED VOTING POWER 8 37,500,000 shares			
REPORTING PERSON WITH	SOLE DISPOSITIVE POWER  9 0 shares			
	SHARED DISPOSITIVE POWER 10 37,500,000 shares			

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
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CUSIP No. 372	42710	)4	13D	Page 15 of 24 Pages	
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Ravi Viswanathan				•
2	СНЕ	ECF	K THE	APPROPRIATE BOX I	(a)
3	SEC	U.	SE ON	LY	
4			CE OF UCTIO	FUNDS (SEE ONS)	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	ORG	βA]	NIZAT	P OR PLACE OF TION citizen	
NUMBER OF	7		OLE Vo	OTING POWER	
SHARES BENEFICIALLY OWNED BY EACH	8			O VOTING POWER 00 shares	
REPORTING PERSON WITH	9		OLE Di	ISPOSITIVE POWER	
	10			O DISPOSITIVE POWE	R

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  37,500,000 shares
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
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14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

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Schedule 13D

### Item 1. Security and Issuer.

This statement relates to the common shares, \$0.001 par value (the "Common Stock"), of Genocea Biosciences, Inc. (the "Issuer") having its principal executive office at Cambridge Discovery Park, 100 Acorn Park Drive, 5th Floor, Cambridge, Massachusetts 02140.

### Item 2. Identity and Background.

This statement is being filed by:

- (a) New Enterprise Associates 16, L.P. ("NEA 16"), NEA Partners 16, L.P. ("NEA Partners 16"), which is the sole general partner of NEA 16; and NEA 16 GP, LLC ("NEA 16 LLC" and, together with NEA Partners 16, the "Control Entities"), which is the sole general partner of NEA Partners 16; and
- (b) Peter J. Barris ("Barris"), Forest Baskett ("Baskett"), Anthony A. Florence, Jr. ("Florence"), Mohamad H. Makhzoumi ("Makhzoumi"), Joshua Makower ("Makower"), David M. Mott ("Mott"), Chetan Puttagunta ("Puttagunta"), Jon M. Sakoda ("Sakoda"), Scott D. Sandell ("Sandell"), Peter W. Sonsini ("Sonsini") and Ravi Viswanathan ("Viswanathan") (together, the "Managers"). The Managers are the managers of NEA 16 LLC.

The persons named in this Item 2 are referred to individually herein as a "Reporting Person" and collectively as the "Reporting Persons."

The address of the principal business office of NEA 16 and each Control Entity is New Enterprise Associates, 1954 Greenspring Drive, Suite 600, Timonium, MD 21093. The address of the principal business office of each of Barris and Mott is New Enterprise Associates, 5425 Wisconsin Avenue, Suite 800, Chevy Chase, MD 20815. The address of the principal business office of Baskett, Makhzoumi, Makower, Puttagunta, Sakoda, Sandell, Sonsini and Viswanathan is New Enterprise Associates, 2855 Sand Hill Road, Menlo Park, California 94025. The address of the principal business office of Florence is New Enterprise Associates, 104 5th Avenue, 19th Floor, New York, NY 10001.

The principal business of NEA 16 is to invest in and assist growth-oriented businesses located principally in the United States. The principal business of NEA Partners 16 is to act as the sole general partner of NEA 16. The principal business of NEA 16 LLC is to act as the sole general partner of NEA Partners 16. The principal business of each of the Managers is to manage the Control Entities, NEA 16 and a number of affiliated partnerships with similar businesses.

During the five years prior to the date hereof, none of the Reporting Persons has been convicted in a criminal proceeding or has been a party to a civil proceeding ending in a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

NEA 16 LLC is a limited liability company organized under the laws of the State of Delaware. NEA 16 and NEA Partners 16 are limited partnerships organized under the laws of the State of Delaware. Each of the Managers is a United States citizen.

### Item 3. Source and Amount of Funds or Other Consideration.

On January 17, 2018, the Issuer completed the closing of an underwritten offering of 53,365,000 shares of Common Stock and 53,365,000 shares of Class A warrants (the "Offering"). At such closing of the Offering, NEA 16 purchased an aggregate of 25,000,000 shares of the Issuer's Common Stock at the Offering price of \$0.99 per share. In addition, NEA 16 purchased 25,000,000 Class A warrants to purchase, subject to certain limitations, up to an aggregate of 12,500,000 shares of the Issuer's Common Stock, exercisable immediately, at the Offering price of \$0.01 per warrant. NEA 16 now holds a total of 25,000,000 shares of the Issuer's Common Stock (the "NEA 16 Stock") and warrants to purchase 12,500,000 shares of the Issuer's Common Stock (the "Warrant Shares" and, together with the NEA 16 Stock, the "NEA 16 Shares").

The working capital of NEA 16 was the source of the funds for the purchase of the NEA 16 Shares. No part of the purchase price of the NEA 16 Shares was represented by funds or other consideration borrowed or otherwise obtained for the purpose of acquiring, holding, trading or voting the NEA 16 Shares.

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#### Item 4. Purpose of Transaction.

NEA 16 acquired the NEA 16 Shares for investment purposes. Depending on market conditions, its continuing evaluation of the business and prospects of the Issuer and other factors, NEA 16 and other Reporting Persons may dispose of or acquire additional shares of the Issuer. Except as set forth above, none of the Reporting Persons has any present plans which relate to or would result in:

- (a) The acquisition by any person of additional securities of the Issuer, or the disposition of securities of the Issuer;
- An extraordinary corporate transaction, such as a merger, reorganization or liquidation, involving the Issuer or any of its subsidiaries;
  - (c) A sale or transfer of a material amount of assets of the Issuer or any of its subsidiaries:
- Any change in the present board of directors or management of the Issuer, including any plans or proposals to change the number or term of directors or to fill any existing vacancies on the board;
- (e) Any material change in the present capitalization or dividend policy of the Issuer;
- (f) Any other material change in the Issuer's business or corporate structure;
- (g) Changes in the Issuer's charter, bylaws or instruments corresponding thereto or other actions which may impede the acquisition of control of the Issuer by any person;
- (h) Causing a class of securities of the Issuer to be delisted from a national securities exchange or to cease to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association;
- (i) A class of equity securities of the Issuer becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Securities Exchange Act of 1934; or
- (j) Any action similar to any of those enumerated above.

### Item 5. Interest in Securities of the Issuer.

NEA 16 is the record owner of the NEA 16 Shares. As the general partner of NEA 16, NEA Partners 16 may be deemed to own beneficially the NEA 16 Shares. As the sole general partner of NEA Partners 16, NEA 16 LLC may be deemed to own beneficially the NEA 16 Shares. As members of NEA 16 LLC, each of the Managers may be deemed to own beneficially the NEA 16 Shares.

Each Reporting Person disclaims beneficial ownership of the NEA 16 Shares other than those shares which such person owns of record.

The percentage of outstanding Common Stock of the Issuer which may be deemed to be beneficially owned by each Reporting Person is set forth on Line 13 of such Reporting Person's cover sheet. Such percentage was calculated

based on 94,569,164 shares of Common Stock, which includes (i) 82,069,164 shares of Common Stock reported by the Issuer to be outstanding immediately after the Offering on the Issuer's prospectus filed under Rule 424(b)(2), filed with the SEC on January 17, 2018 and (ii) the Warrant Shares.

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- (b) Regarding the number of shares as to which such person has:
- (i) sole power to vote or to direct the vote: See line 7 of cover sheets
- (ii) shared power to vote or to direct the vote: See line 8 of cover sheets
  - (iii) sole power to dispose or to direct the disposition: See line 9 of cover sheets
- (iv) shared power to dispose or to direct the disposition: See line 10 of cover sheets
- (c) Except as set forth in Item 3 above, none of the Reporting Persons has effected any transaction in the Common Stock during the last 60 days.
- No other person is known to have the right to receive or the power to direct the receipt of dividends from, or any proceeds from the sale of, Common Stock beneficially owned by any of the Reporting Persons.
- (e) Not applicable.

Item 6. Contracts, Arrangements, Undertakings or Relationships with Respect to Securities of the Issuer.

Not applicable.

### Item 7. Material to be Filed as Exhibits.

Exhibit 1 – Agreement regarding filing of joint Schedule 13D.

Exhibit 2 – Power of Attorney regarding filings under the Securities Exchange Act of 1934, as amended.

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### **SIGNATURE**

Forest Baskett

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

information set forth in this statement is true, complete and correct.
EXECUTED this 26th day of January, 2018.
NEW ENTERPRISE ASSOCIATES 16, L.P.
By: NEA PARTNERS 16, L.P. General Partner
By: NEA 16 GP, LLC General Partner
By:*
Scott D. Sandell Chief Executive Officer
NEA PARTNERS 16, L.P.
By: NEA 16 GP, LLC General Partner
By: *
Scott D. Sandell Chief Executive Officer
NEA 16 GP, LLC
By: * Scott D. Sandell Chief Executive Officer
* Peter J. Barris

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Anthony A. Flo	orence, Jr.
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Mohamad H. M	Iakhzoumi
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Joshua Makowo	er
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David A. Mott	
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Chetan Puttagu	nta
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Jon M. Sakoda	
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Scott D. Sandel	1
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Peter W. Sonsin	ni
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Ravi Viswanath	nan

\*/s/ Sasha O. Keough

Sasha O. Keough As attorney-in-fact

This Schedule 13D was executed by Sasha O. Keough on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached as Exhibit 2.

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### EXHIBIT 1

#### **AGREEMENT**

Peter J. Barris

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13D need be filed with respect to the ownership by each of the undersigned of shares of stock of Genocea Biosciences, Inc.

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EXECUTED this 26th day of January, 2018.
NEW ENTERPRISE ASSOCIATES 16, L.P.
By: NEA PARTNERS 16, L.P. General Partner
By: NEA 16 GP, LLC General Partner
By:* Scott D. Sandell Chief Executive Officer
NEA PARTNERS 16, L.P.
By: NEA 16 GP, LLC General Partner
By: * Scott D. Sandell Chief Executive Officer
NEA 16 GP, LLC
By:   Scott D. Sandell Chief Executive Officer
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Forest Baskett		

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Anthony A. Florence, Jr.
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Mohamad H. Makhzoumi
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Joshua Makower
* David A Matt
David A. Mott
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Chetan Puttagunta
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Jon M. Sakoda
Jon 12. Danosa
*
Scott D. Sandell
*
Peter W. Sonsini
* Ravi Viswanathan
KAVI VISWANAINAN

\*/s/ Sasha O. Keough

Sasha O. Keough As attorney-in-fact

This Agreement relating to Schedule 13D was executed by Sasha O. Keough on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached hereto as Exhibit 2.

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#### **EXHIBIT 2**

#### POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned hereby constitutes and appoints Louis S. Citron, Timothy Schaller, Sasha Keough and Stephanie Brecher, and each of them, with full power to act without the others, his or her true and lawful attorney-in-fact, with full power of substitution, to sign any and all instruments, certificates and documents that may be necessary, desirable or appropriate to be executed on behalf of himself as an individual or in his or her capacity as a direct or indirect general partner, director, officer or manager of any partnership, corporation or limited liability company, pursuant to section 13 or 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder, and to file the same, with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Exchange Act or by the Financial Industry Regulatory Authority, granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing necessary, desirable or appropriate, fully to all intents and purposes as he or she might or could do in person, thereby ratifying and confirming all that said attorney-in-fact, or his or her substitutes, may lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 13th day of March, 2017.

/s/ M. James Barrett
M. James Barrett
/s/ Peter J. Barris Peter J. Barris
/s/ Forest Baskett Forest Baskett
/s/ Ali Behbahani
Ali Behbahani
/s/ Colin Bryant
Colin Bryant
/s/ Carmen Chang
Carmen Chang
/s/ Anthony A. Florence, Jr.
Anthony A. Florence, Jr.
/s/ Carol G. Gallagher
Carol G. Gallagher
/s/ Dayna Grayson
Dayna Grayson

/s/ Patrick J. Kerins

Patrick J. Kerins

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/s/ P. Justin Klein
P. Justin Klein
Vanessa Larco Vanessa Larco
/s/ Joshua Makower Joshua Makower
/s/ Mohamad H. Makhzoumi Mohamad H. Makhzoumi
/s/ Edward T. Mathers Edward T. Mathers
/s/ David M. Mott David M. Mott
/s/ Sara M. Nayeem Sara M. Nayeem
/s/ Jason R. Nunn Jason R. Nunn
/s/ Gregory Papadopoulos Gregory Papadopoulos
/s/ Chetan Puttagunta Chetan Puttagunta
/s/ Jon Sakoda Jon Sakoda
/s/ Scott D. Sandell Scott D. Sandell
/s/ A. Brooke Seawell A. Brooke Seawell
/s/ Peter W. Sonsini Peter W. Sonsini
/s/ Melissa Taunton Melissa Taunton

/s/ Frank M. Torti Frank M. Torti	
/s/ Ravi Viswanathan Ravi Viswanathan	
/s/ Paul E. Walker Paul E. Walker	-
/s/ Rick Yang Rick Yang	_