Loxo Oncology, Inc. Form SC 13D/A September 13, 2016

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

Loxo Oncology, Inc.

(Name of Issuer)

Common Stock, \$.0001 par value

(Title of Class of Securities)

548862101

(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)

September 7, 2016

(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. 548	8862101	13D Page 2 of 24 Pages
1	I.R.S. I ABOVI ONLY)	ES OF REPORTING PERSONS EDENTIFICATION NOS. OF E PERSONS (ENTITIES) nterprise Associates 14, L.P.
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (a) (b)
3	SEC U	SE ONLY
4		CE OF FUNDS (SEE UCTIONS)
5	LEGAI	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM PR 2(E)
6	ORGA	ENSHIP OR PLACE OF NIZATION n Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH	7 0 s SH 8	OLE VOTING POWER shares HARED VOTING POWER 289,420 shares
REPORTING PERSON WITH	9	OLE DISPOSITIVE POWER shares
	10	HARED DISPOSITIVE POWER 289,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,289,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN

CUSIP No. 548	3862101	13D Page 3 of 24 Pages
1	I.R.S. I ABOVI ONLY)	S OF REPORTING PERSONS DENTIFICATION NOS. OF E PERSONS (ENTITIES) artners 14, L.P.
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (a) (b)
3	SEC US	SE ONLY
4		CE OF FUNDS (SEE UCTIONS)
5	LEGAI	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM R 2(E)
6	ORGA	ENSHIP OR PLACE OF NIZATION n Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING	7 0 s SH 8 1,2	OLE VOTING POWER shares HARED VOTING POWER 294,420 shares
PERSON WITH	9 0 s	OLE DISPOSITIVE POWER shares HARED DISPOSITIVE POWER
	1,2	294,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN

CUSIP No. 548	862101	13D Page 4 of 24 Pages
1	I.R.S. I ABOVI ONLY)	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF /E PERSONS (ENTITIES //) 14 GP, LTD
2		CK THE APPROPRIATE BOX IF (a) MBER OF A GROUP (b)
3	SEC U	USE ONLY
4		CE OF FUNDS (SEE RUCTIONS)
5	LEGAI	CK BOX IF DISCLOSURE OF L PROCEEDINGS IS VIRED PURSUANT TO ITEM DR 2(E)
6	ORGA	ENSHIP OR PLACE OF ANIZATION an Islands
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER
	8	HARED VOTING POWER ,294,420 shares
	9	OLE DISPOSITIVE POWER shares
	10	HARED DISPOSITIVE POWER ,294,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO

CUSIP No. 5	48862101	13D	Page 5 of 24 Pages	
1	I.R.S. I	DENT E PER)	REPORTING PERSONS TIFICATION NOS. OF SONS (ENTITIES	
2			APPROPRIATE BOX IF OF A GROUP	(a) (b)
3	SEC U	SE ON	ILY	
4	SOUR INSTR AF		FUNDS (SEE ONS)	
5	LEGA	L PRO	X IF DISCLOSURE OF CEEDINGS IS PURSUANT TO ITEM	
6	CITIZE ORGA United	NIZA		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE V	OTING POWER	
	γY 8		O VOTING POWER 0 shares	
	9	OLE D	ISPOSITIVE POWER	
	10		O DISPOSITIVE POWER	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D Page 6 of 24 Pages
1	I.R.S. I	,
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (a) (b)
3	SEC U	SE ONLY
4		CE OF FUNDS (SEE UCTIONS)
5	LEGAI	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM R 2(E)
6	ORGA	ENSHIP OR PLACE OF NIZATION States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER
	8	HARED VOTING POWER 294,420 shares
	9	DLE DISPOSITIVE POWER
	10	HARED DISPOSITIVE POWER 294,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D Page 7 of 24 Pages				
	NAME	ES OF REPORTING PERSONS				
1	I.R.S. I	IDENTIFICATION NOS. OF VE PERSONS (ENTITIES				
	Forest 1	Forest Baskett				
2		CK THE APPROPRIATE BOX IF (a) MBER OF A GROUP (b)				
3	SEC U	JSE ONLY				
4		CE OF FUNDS (SEE RUCTIONS)				
5	CHECI LEGAI REQUI	EK BOX IF DISCLOSURE OF L PROCEEDINGS IS IIRED PURSUANT TO ITEM DR 2(E)				
6	ORGA	ENSHIP OR PLACE OF ANIZATION I States citizen				
NUMBER OF	SC 7	OLE VOTING POWER				
SHARES BENEFICIALLY OWNED BY EACH	8	HARED VOTING POWER 294,420 shares				
REPORTING PERSON WITH	9	OLE DISPOSITIVE POWER shares				
	10	HARED DISPOSITIVE POWER 294,420 shares				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D Page 8 of 24 Pages
1	I.R.S. I ABOVI ONLY)	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF TE PERSONS (ENTITIES T) The property of the person of
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (a) (b)
3	SEC US	SE ONLY
4		CE OF FUNDS (SEE RUCTIONS)
5	LEGAI	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM OR 2(E)
6	ORGA	ENSHIP OR PLACE OF INIZATION States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER
	8	HARED VOTING POWER 294,420 shares
	9	OLE DISPOSITIVE POWER
	10	HARED DISPOSITIVE POWER 294,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D Page 9 of 24 Pages	
1	I.R.S. I ABOVI ONLY)	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF /E PERSONS (ENTITIES //) c J. Kerins	
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	EK BOX IF DISCLOSURE OF L PROCEEDINGS IS VIRED PURSUANT TO ITEM DR 2(E)	
6	ORGA	ENSHIP OR PLACE OF ANIZATION I States citizen	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER	
	8	HARED VOTING POWER ,294,420 shares	
	9	OLE DISPOSITIVE POWER shares	
	10	HARED DISPOSITIVE POWER	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 54	48862101	13D	Page 10 of 24 Pages	
1	I.R.S. I	DENT E PER)	REPORTING PERSONS IFICATION NOS. OF SONS (ENTITIES	
2			APPROPRIATE BOX IF OF A GROUP	(a) (b)
3	SEC U	SE ON	ILY	
4	SOURO INSTR AF		FUNDS (SEE ONS)	
5	LEGAI	L PRO	I IF DISCLOSURE OF CEEDINGS IS PURSUANT TO ITEM	
6	CITIZE ORGA United	NIZA		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE V shares	OTING POWER	
	Y 8		O VOTING POWER 0 shares	
	9	OLE D shares	ISPOSITIVE POWER	
	10		O DISPOSITIVE POWER	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D Page 11 of 24 Pages
1	I.R.S. II ABOVI ONLY)	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF TE PERSONS (ENTITIES) M. Mott
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (a) (b)
3	SEC US	SE ONLY
4		CE OF FUNDS (SEE (UCTIONS)
5	LEGAL	K BOX IF DISCLOSURE OF L PROCEEDINGS IS IRED PURSUANT TO ITEM OR 2(E)
6	ORGA	ENSHIP OR PLACE OF NIZATION States citizen
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER
	8	HARED VOTING POWER 294,420 shares
	9	OLE DISPOSITIVE POWER
	10	HARED DISPOSITIVE POWER 294,420 shares

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101	13D	Page 12 of 24 Pages	
1	I.R.S. I	DENT E PER	REPORTING PERSONS IFICATION NOS. OF SONS (ENTITIES	
2			APPROPRIATE BOX IF OF A GROUP	(a) (b)
3	SEC US	SE ON	LY	
4	SOURC INSTR		FUNDS (SEE DNS)	
5	LEGAI	. PRO RED 1	I IF DISCLOSURE OF CEEDINGS IS PURSUANT TO ITEM	
6	CITIZE ORGAI	NIZA		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7 0 s	hares	OTING POWER	
	8		O VOTING POWER 0 shares	
	9	LE D	ISPOSITIVE POWER	
	10		D DISPOSITIVE POWER 0 shares	

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 54	19962101	13D Page 13 of 24 Pages				
COSIF NO. 32	10002101	13D rage 13 of 24 rages				
1	I.R.S. I	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES				
		Peter W. Sonsini				
2		K THE APPROPRIATE BOX IF MBER OF A GROUP (b)				
3	SEC U	JSE ONLY				
4		CE OF FUNDS (SEE RUCTIONS)				
5	CHEC LEGA REQU	EK BOX IF DISCLOSURE OF L PROCEEDINGS IS IIRED PURSUANT TO ITEM DR 2(E)				
6	ORGA	ENSHIP OR PLACE OF ANIZATION I States citizen				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	OLE VOTING POWER				
	Y 8	HARED VOTING POWER 294,420 shares				
	9	OLE DISPOSITIVE POWER shares				
	10	HARED DISPOSITIVE POWER ,294,420 shares				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. :	548862101	13D Page 14 of 24 Pages			
1	I.R.S. I ABOV ONLY	ES OF REPORTING PERSONS IDENTIFICATION NOS. OF /E PERSONS (ENTITIES //			
2		CK THE APPROPRIATE BOX IF MBER OF A GROUP (b)			
3	SEC U	JSE ONLY			
4		RCE OF FUNDS (SEE RUCTIONS)			
5	LEGAI REQUI	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)			
6	ORGA	ENSHIP OR PLACE OF ANIZATION I States citizen			
NUMBER OF	7	OLE VOTING POWER			
SHARES BENEFICIALL OWNED BY EACH	LY 8	HARED VOTING POWER ,294,420 shares			
REPORTING PERSON WIT	н 9	OLE DISPOSITIVE POWER shares			
	10	HARED DISPOSITIVE POWER ,294,420 shares			

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 548	862101 13D Page 15 of 24 Pages				
1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	Harry R. Weller				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP				
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				
NUMBER OF	United States citizen SOLE VOTING POWER onumber 1 onumber 2 onumber 2 onumber 3 onumber 4 onumber 3 onumber 4 on				
SHARES BENEFICIALLY OWNED BY EACH	SHARED VOTING POWER 8 1,294,420 shares				
REPORTING PERSON WITH	SOLE DISPOSITIVE POWER 9 0 shares				
	SHARED DISPOSITIVE POWER 10 1,294,420 shares				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,294,420 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) 6.0%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

COSH No. 348802101 13D 1 age 10 01 24 1 ages	CUSIP No.	548862101	13D	Page 16 of 24 Pages
--------------------------------------------------	-----------	-----------	-----	---------------------

Schedule 13D

Item 1. Security and Issuer.

This Amendment No. 1 ("Amendment No. 1") to Schedule 13D amends and supplements the statement on Schedule 13D originally filed on August 12, 2014 relating to the common stock, \$.0001 par value (the "Common Stock") of Loxo Oncology, Inc. (the "Issuer") having its principal executive office at 281 Tresser Blvd., 9th Floor, Stamford, CT 06901.

Item 2. <u>Identity and Background</u>.

This statement is being filed by:

- (a) New Enterprise Associates 14, L.P. ("NEA 14");
- (b) NEA Partners 14, L.P. ("NEA Partners 14"), which is the sole general partner of NEA 14; and NEA 14 GP, LTD ("NEA 14 LTD" and, together with NEA Partners 14, the "Control Entities"), which is the sole general partner of NEA Partners 14; and
- (c) M. James Barrett ("Barrett"), Peter J. Barris ("Barris"), Forest Baskett ("Baskett"), Anthony A. Florence, Jr. ("Florence"), Patrick J. Kerins ("Kerins"), Krishna S. Kolluri ("Kolluri"), David M. Mott ("Mott"), Scott D. Sandell ("Sandell"), Peter W. Sonsini ("Sonsini"), Ravi Viswanathan ("Viswanathan") and Harry R. Weller ("Weller") (together, the "Directors") and Ryan D. Drant ("Drant"). The Directors are the directors of NEA 14 LTD.

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 14 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 Barrett, Barris, Florence, Kerins, Mott and Weller is New Enterprise Associates, 5425 Wisconsin Avenue, Suite 800, Chevy Chase, MD 20815. The address of the principal business office of Baskett, Kolluri, Sandell, Sonsini and Viswanathan is New Enterprise Associates, 2855 Sand Hill Road, Menlo Park, California 94025.

The principal business of NEA 14 is to invest in and assist growth-oriented businesses located principally in the United States. The principal business of NEA Partners 14 is to act as the sole general partner of NEA 14. The principal business of NEA 14 LTD is to act as the sole general partner of NEA Partners 14. The principal business of each of the Directors is to manage the Control Entities, NEA 14 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 14 and NEA Partners 14 are exempted limited partnerships organized under the laws of the Cayman Islands. NEA 14 LTD is an exempted company organized under the laws of the Cayman Islands. Each of the Directors is a United States citizen.

Item 4. <u>Purpose of Transaction</u>.

On September 7, 2016, NEA 14 engaged in a stock distribution of 500,000 shares of the Issuer's Common Stock to its partners for no consideration. NEA Partners 14 acquired 5,000 shares of the Issuer's Common Stock as a result of the NEA 14 distribution. Depending on market conditions, its continuing evaluation of the business and prospects of the Issuer and other factors, NEA 14 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;
- (b) 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:
- (d) 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.

As of September 7, 2016, NEA 14 is the record owner of 1,289,420 shares of Common Stock of the Issuer (the "NEA 14 Shares") and NEA Partners 14 is the record owner of 5,000 shares of Common Stock of the Issuer (the "NEA Partners 14 Shares" and, together with the NEA 14 Shares, the "Firm Shares"). As the sole general partner of NEA 14, NEA Partners 14 may be deemed to own beneficially the NEA 14 Shares. As the sole general partner of NEA Partners 14, NEA 14 LTD may be deemed to own beneficially the Firm Shares. As members of NEA 14 LTD, each of the Directors may be deemed to own beneficially the Firm Shares.

Each Reporting Person disclaims beneficial ownership of the Firm 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 the 21,664,333 shares of Common Stock reported to be outstanding as of July 31, 2016 in the Issuer's Form 10-Q filed with the Securities Exchange Commission on August 3, 2016.

CUSIP No.	548862101	13D	Page 18 of 24 Pages
-----------	-----------	-----	---------------------

- (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, Shares beneficially owned by any of the Reporting Persons.
- (e) Drant has ceased to own beneficially five percent or more of the Issuer's Common Stock as a result of ceasing to be a Director of NEA 14 LTD.

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.

CUSIP No.	548862101	13D	Page 19 of 24 Pages
-----------	-----------	-----	---------------------

SIGNATURE

Peter J. Barris

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 13th day of September, 2016.
NEW ENTERPRISE ASSOCIATES 14, L.P.
By: NEA PARTNERS 14, L.P. General Partner
By: NEA 14 GP, LTD General Partner
By: * Peter J. Barris Director
NEA PARTNERS 14, L.P.
By: NEA 14 GP, LTD General Partner
By: * Peter J. Barris Director
NEA 14 GP, LTD
By: * Peter J. Barris Director
* M. James Barrett

*	_	
Forest Baskett		

CUSIP No.	548862101	13D	Page 20 of 24 Pages
-----------	-----------	-----	---------------------

*
Ryan D. Drant
*
Patrick J. Kerins
*
Krishna S. Kolluri
*
Anthony A. Florence, Jr.
* David M. Mott
David M. Mott
*
Scott D. Sandell
*
Peter W. Sonsini
Teter Wilderson
*
Ravi Viswanathan
*
Harry R. Weller
*/s/ Sasha Keough
Sasha Keough
As attorney-in-fact

This Amendment No. 1 to Schedule 13D was executed by Sasha Keough on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached as Exhibit 2.

CUSIP No.	548862101	13D	Page 21 of 24 Pages
-----------	-----------	-----	---------------------

EXHIBIT 1

AGREEMENT

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 Loxo Oncology, Inc.

EXECUTED this 13th day of September, 2016.

extended, 2010.
NEW ENTERPRISE ASSOCIATES 14, L.P.
By: NEA PARTNERS 14, L.P. General Partner
By: General Partner
By:* Peter J. Barris
Peter J. Barris Director
NEA PARTNERS 14, L.P.
By: General Partner
By:*
Peter J. Barris Director
NEA 14 GP, LTD
By: *
Peter J. Barris
Director
*

M. James Barrett

*

Peter J. Barris

CTTCTP 11	* 400 6 0 40 4	4.00	D 00 001 D
CUSIP No.	548862101	13D	Page 22 of 24 Pages

*
Forest Baskett
*
Ryan D. Drant
*
Patrick J. Kerins
*
Krishna S. Kolluri
Tanoma of Trongs
*
Anthony A. Florence, Jr.
*
David M. Mott
*
Scott D. Sandell
*
Peter W. Sonsini
* Ravi Viswanathan
Navi viswanaman
*
Harry R. Weller
*/s/ Sasha Keough
Sasha Keough

As attorney-in-fact

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

CUSIP No.	548862101	13D	Page 23 of 24 Pages
-----------	-----------	-----	---------------------

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 1st day of August, 2013.

/s/ M. James Barrett

M. James Barrett

/s/ Peter J. Barris

Peter J. Barris

/s/ Forest Baskett

Forest Baskett

/s/ Rohini Chakravarthy

Rohini Chakravarthy

/s/ Patrick Chung

Patrick Chung

/s/ Ryan Drant

Ryan Drant

/s/ Anthony A. Florence

Anthony A. Florence

/s/ Robert Garland

Robert Garland

/s/ Paul Hsiao

Paul Hsiao

/s/ Patrick J. Kerins

Patrick J. Kerins

/s/ Suzanne King

Suzanne King

CUSIP No.	548862101	13D	Page 24 of 24 Pages
-----------	-----------	-----	---------------------

/s/ Krishna S. Kolluri

Krishna S. Kolluri

/s/ C. Richard Kramlich

C. Richard Kramlich

/s/ Edward Mathers

Edward Mathers

/s/ David M. Mott

David M. Mott

/s/ John M. Nehra

John M. Nehra

/s/ Charles W. Newhall III

Charles W. Newhall III

/s/ Jason R. Nunn

Jason R. Nunn

/s/ Jon Sakoda

Jon Sakoda

/s/ Scott D. Sandell

Scott D. Sandell

/s/ Peter W. Sonsini

Peter W. Sonsini

/s/ A. Brooke Seawell

A. Brooke Seawell

/s/ Ravi Viswanathan

Ravi Viswanathan

/s/ Paul E. Walker

Paul E. Walker

/s/ Harry Weller

Harry Weller