FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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

See

Footnotes(4)(14)

\$17.5996(13)

1,166,306

24,871

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

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* BAKER BROS. ADVISORS LP				2. Issuer Name a AQUINOX AQXP]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner					
(Last) 667 MADISON	(First) I AVENUE, 21		tiddle)	3. Date of Earlie 01/09/2017	st Trans	action	n (Month/Day/	Year)		Officer (give title Other (spec below) below)			
(Street) NEW YORK NY 10065 (City) (State) (Zip)				4. If Amendment	t, Date o	of Orig	inal Filed (Mo	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person					
		Table	l - Non-Deriv	ative Securitie	es Ac	quire	ed, Dispos	sed of,	or Benefic	ially Owned			
1. Title of Security	(Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (8)	ction	4. Securities Disposed Of	Acquire	d (A) or	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr.	
					Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	4)	
Common Stock										2,260	D ⁽¹⁾		
Common Stock										2,260	D ⁽²⁾		
Common Stock			01/09/2017		P		603	A	\$16.7395 ⁽³⁾	1,132,228	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		5,697	A	\$16.7395 ⁽³⁾	9,410,164	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		1,195	A	\$15.321 ⁽⁶⁾	1,133,423	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		11,305	A	\$15.321 ⁽⁶⁾	9,421,469	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		258	A	\$16.8533 ⁽⁷⁾	1,133,681	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		2,442	A	\$16.8533 ⁽⁷⁾	9,423,911	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		917	A	\$15.3475 ⁽⁸⁾	1,134,598	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		8,671	A	\$15.3475 ⁽⁸⁾	9,432,582	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		967	A	\$16.197 ⁽⁹⁾	1,135,565	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		9,143	A	\$16.197 ⁽⁹⁾	9,441,725	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		1,602	A	\$15.13 ⁽¹⁰⁾	1,137,167	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		15,148	A	\$15.13 ⁽¹⁰⁾	9,456,873	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		529	A	\$15.6226 ⁽¹¹	1,137,696	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		5,006	A	\$15.6226(11	9,461,879	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		3,739	A	\$16.3053(12	2) 1,141,435	I	See Footnotes ⁽⁴⁾⁽¹⁴⁾	
Common Stock			01/09/2017		P		35,360	A	\$16.3053 ⁽¹²⁾	9,497,239	I	See Footnotes ⁽⁵⁾⁽¹⁴⁾	

01/09/2017

Common Stock

1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)	2A. Deemed Execution D if any (Month/Day/		Date,	3. Transaction Code (Instr. 8)		4. Securities Acqui Disposed Of (D) (In					5. Amount of Securities Beneficially Owned Followin Reported		6. Owners Form: Dire (D) or Indirect (I) (Instr. 4)		rect Indirect Beneficial		
						Code	v	Amou	nt	(A) or (D)	Price		Transaction(s) (Instr. 3 and 4)		(,				
Common Stock			01/09/2017				P		235,169		A	\$17.5996(13)		9,732,408		I		See Footnotes ⁽⁵⁾⁽¹	
Common Stock		01/09/2017	P				3,389		A	\$17.76		1,169,695		I		See Foot	See Footnotes ⁽⁴⁾⁽¹		
Common Stock		01/09/2017			P		32,0	051	A	\$17.76		9,764,459		I		See Footnotes ⁽⁵⁾⁽¹⁴⁾			
		Та	ıble II - Derivat (e.g., pı										neficially curities)	y Owned		,			
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 Deriv Secu Acqu (A) o Disp of (D (Inst	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		te Exerc ation Da th/Day/Y			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Num derivat Securi Benefi Owned Follow Report Transa (Instr.	tive ties cially I ing ted action(s)	10. Owner Form: Direct or Indi (I) (Ins	(D) rect	11. Nature of Indirect Beneficial Ownershi (Instr. 4)
				Code	v	(A) (D		Date (D) Exerc		Expira		Title	Amount or Number of Shares						
(Last)		ADVISORS (First) ENUE, 21ST FL	(Middle)		_														
(Street) NEW Y		NY	10065																
(City)		(State)	(Zip)																
		Reporting Person* visors (GP) LI	<u>LC</u>																
(Last) 667 MA	DISION AV	(First) ENUE, 21ST FI	(Middle)																
(Street) NEW Y	ORK	NY	New York																
(City)		(State)	(Zip)																
	nd Address of R FELIX	Reporting Person*																	
(Last) 667 MA	DISON AV	(First) ENUE, 21ST FL	(Middle)																

(Street)
NEW YORK

(City)

(Last)

(Street)
NEW YORK

(City)

NY

(State)

(First)

667 MADISON AVENUE, 21ST FLOOR

NY

(State)

1. Name and Address of Reporting Person^{\star}

BAKER JULIAN

10065

(Zip)

(Middle)

10065

(Zip)

Explanation of Responses:

- 1. Common shares held directly by Felix J. Baker and for which Felix J. Baker has sole beneficial ownership. These shares were received in an in kind pro rata distribution from an affiliated investment fund in January 2015 without consideration.
- 2. Common shares held directly by Julian C. Baker and for which Julian C. Baker has sole beneficial ownership. These shares were received in an in kind pro rata distribution from an affiliated investment fund in January 2015 without consideration.
- 3. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$16.69 to \$16.75, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 4. After giving effect to the transactions reported herein, and as a result of their ownership interest in Baker Biotech Capital (GP), LLC, Julian C. Baker and Felix J. Baker may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I directly held by 667, a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partner is Baker Biotech Capital, L.P., a limited partnership of which the sole general partn
- 5. After giving effect to the transactions reported herein, and as a result of their ownership interest in Baker Brothers Life Sciences Capital (GP), LLC, Julian C. Baker and Felix J. Baker may be deemed to have an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I directly held by Life Sciences, a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital, L.P., to ue to Baker Brothers Life Sciences Capital, L.P., is right to receive an allocation of a portion of the profits from Life Sciences.
- 6. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.26 to \$15.46, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 7. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$16.72 to \$16.99, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 8. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.19 to \$15.48, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 9. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.75 to \$16.75, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 10. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.01 to \$15.74, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 11. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.38 to \$15.79, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 12. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$15.81 to \$16.80, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 13. The price reported in Column 4 is a weighted average price. These shares were traded by the Funds in multiple transactions at prices ranging from \$16.81 to \$17.80, inclusive. 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 traded at each separate price within the range set forth in this footnote.
- 14. Baker Bros. Advisors LP (the "Adviser") serves as the Investment Adviser to the Funds. In connection with the services provided by the Adviser, the Adviser receives an asset-based management fee that does not confer any pecuniary interest in the securities held by the Funds. Baker Bros. Advisors (GP) LLC (the "Adviser GP") is the Adviser's sole general partner. Julian C. Baker and Felix J. Baker are principals of the Adviser has complete and unlimited discretion and authority with respect to the investment and voting power of the securities held by the Funds. The general partners of the Funds relinquished to the Adviser all discretion and authority with respect to the investment and voting power of the Funds. Julian C. Baker, Felix J. Baker, the Adviser GP and the Adviser disclaim beneficial ownership of the securities held directly by the Funds except to the extent of their pecuniary interest therein, and this report shall not be deemed an admission that any of Julian C. Baker, Felix J. Baker, the Adviser GP or the Adviser is a beneficial owner of such securities for purposes of Section 16 or any other purpose.

Remarks:

Baker Bros. Advisors LP:

Name: Scott L. Lessing Title: 01/09/2017

President /s/ Scott L. Lessing

By: Baker Bros. Advisors (GP)

LLC: Name: Scott L. Lessing,

Title: President /s/ Scott L.

01/09/2017

Lessing

<u>/s/ Felix J. Baker</u> <u>01/09/2017</u>

<u>/s/ Julian C. Baker</u> <u>01/09/2017</u>

** 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 Number.