FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APP	ROVAL
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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).

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 Addre			2	2. Issuer Name ar AQUINOX : AQXP]						5. Relationship of Re Check all applicable Director)	s) to Issuer 10% Owner	
(Last) 667 MADISON	(First) AVENUE, 21	,	ddle)	3. Date of Earliest Transaction (Month/Day/Year) 01/19/2016						Officer (give title Other (specify below)			
(Street) NEW YORK NY US 10065 (City) (State) (Zip)				4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Person Reporting			
		Table	l - Non-Deriva	tive Securities	Acq	uirec	l, Dispose	ed of, o	or Benefici	ally Owned			
		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	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	Transaction(s) (Instr. 3 and 4)			
Common Stock										2,260	D ⁽¹⁾		
Common Stock										2,260	D ⁽²⁾		
Common Stock			01/19/2016		P		5,029	A	\$9.0757(3)	750,354	I	See Footnote ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/19/2016		P		45,903	A	\$9.0757(3)	6,250,533	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/19/2016		P		1,109	A	\$9.2149(6)	751,463	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/19/2016		P		10,123	A	\$9.2149(6)	6,260,656	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/19/2016		P		1,568	A	\$9.1537(7)	753,031	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/19/2016		P		14,313	A	\$9.1537 ⁽⁷⁾	6,274,969	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		6,294	A	\$9.8852(8)	759,325	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		57,453	A	\$9.8852(8)	6,332,422	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		1,511	A	\$8.9559(9)	760,836	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		13,789	A	\$8.9559(9)	6,346,211	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		3,067	A	\$8.9572(10)	763,903	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		27,996	A	\$8.9572(10)	6,374,207	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		190	A	\$8.9	764,093	I	See Footnotes ⁽⁴⁾⁽¹¹⁾	
Common Stock			01/20/2016		P		1,734	A	\$8.9	6,375,941	I	See Footnotes ⁽⁵⁾⁽¹¹⁾	
		Tabl	e II - Derivativ (e.g., put	e Securities <i>A</i> s, calls, warra	Acquir ants, c	ed, I	Disposed ns, conve	of, or ertible	Beneficial securities)	ly 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)								
				Code	v							
ı	1. Name and Address of Reporting Person* <u>BAKER BROS. ADVISORS LP</u>											
(Last)		(First) ENUE, 21ST FL	(Middle)									
(Street) NEW YO	ORK	NY	US 10065									
(City)		(State)	(Zip)									
l		Reporting Person*	LC									
(Last) 667 MAI		(First) ENUE 21ST FL	(Middle)									
(Street) NEW YO	ORK	NY	US 10065									
(City)		(State)	(Zip)									
l	d Address of	Reporting Person*										
(Last) 667 MAI		(First) ENUE, 21ST FL	(Middle)									
(Street) NEW YO	ORK	NY	US 10065		_							
(City)		(State)	(Zip)									
l	d Address of	Reporting Person [*]										
(Last) 667 MAI		(First) ENUE, 21ST FL	(Middle)									
(Street) NEW YO	ORK	NY	US 10065		_							
(City)		(State)	(Zip)									

3. Transaction

3A. Deemed

4.

Explanation of Responses:

1. Title of 2.

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.

5. Number

Derivative

Securities

Acquired

(A) or Disposed

of (D) (Instr. 3, 4

(D)

and 5)

(A)

6. Date Exercisable and Expiration Date

Expiration

(Month/Day/Year)

Date

Exercisable

7. Title and Amount of

Securities

Derivative

and 4)

Title

Underlying

Security (Instr. 3

Amount or Number 8. Price of Derivative

Security (Instr. 5) 9. Number of

derivative

Securities

Following

Reported

Transaction(s) (Instr. 4)

Owned

Beneficially

11. Nature of Indirect

Beneficial

Ownership

(Instr. 4)

Ownership

Form: Direct (D)

or Indirect

(I) (Instr. 4)

- 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 \$8.89 to \$9.25, 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, L.P. ("667"), a limited partnership of which the sole general partner is Baker Biotech Capital,
- pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I directly held by 667, L.P. ("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 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
- an indirect pecuniary interest in the Issuer's shares of Common Stock reported in column 5 of Table I directly held by Baker Brothers Life Sciences, L.P. ("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 (GP), LLC, due to Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital (GP), LLC, due to Baker Brothers Life Sciences Capital, L.P., a limited partnership of which the sole general partner is Baker Brothers Life Sciences Capital (GP), LLC, due to Baker Brothers Life
- 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 \$9.13 to \$9.25, 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 \$9.01 to \$9.41, 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 \$9.03 to \$10.00, 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 \$8.95 to \$9.05, 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 \$8.91 to \$9.00, 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. 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 GP. 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 securities held by 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.

Name: Scott L. Lessing Title: 01/20/2016 President /s/ Scott L.

By: Baker Bros. Advisors (GP)

LLC, Name: Scott L. Lessing, 01/20/2016 Title: President /s/ Scott L.

Lessing

/s/ Felix J. Baker 01/20/2016 /s/ Julian C. Baker 01/20/2016 ** 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.