

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
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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).

1. Name and Address of Reporting Person* <u>KAKKIS EMIL D</u> (Last) (First) (Middle) <u>C/O ULTRAGENYX PHARMACEUTICAL INC.</u> <u>60 LEVERONI COURT</u> (Street) <u>NOVATO CA 94949</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Ultragenyx Pharmaceutical Inc. [RARE]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <p style="text-align: center;">President & CEO</p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/05/2014</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year) <u>02/07/2014</u>	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <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. 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 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			

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

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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Warrant to Purchase Series A Preferred Stock (Right to Buy)	\$0.959	02/05/2014		J		260,688 ⁽¹⁾		06/16/2011	06/30/2020	Series A Preferred Stock	260,688	\$0	0	D	
Warrant to Purchase Common Stock (Right to Buy)	\$3.01	02/05/2014		J		83,167 ⁽¹⁾		06/11/2011	06/30/2020	Common Stock	83,167 ⁽²⁾	\$0	0	D	

Explanation of Responses:

- Immediately prior to the closing of the Issuer's initial public offering, this warrant to purchase shares of Series A Preferred Stock automatically converted on a 1-for-3.1345 basis into a warrant to purchase shares of Common Stock. Disposition of Warrant to Purchase Series A Preferred Stock and acquisition of Warrant to Purchase Common Stock listed solely for the purpose of reporting such conversion of the shares underlying the security.
- This item was amended to correct the calculation of shares resulting from the conversion of Series A Preferred Stock to Common Stock.

Remarks:

/s/ Ryan Murr by power of attorney for Emil D. Kakkis, M.D., Ph.D. 03/28/2014

** 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.