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 | | | | | | | |

| to Section 1 | oox if no longer subje 6. Form 4 or Form 5 may continue. <i>See</i> I(b). | | d pursuant to Section 16(a) of the Securities Exchange Act of 193 or Section 30(h) of the Investment Company Act of 1940 | OMB Number: Estimated average hours per respons | | | |
|------------------------------|------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------|--|
| Pinion Joh (Last) | (First) GENYX PHAR | (Middle) | 2. Issuer Name and Ticker or Trading Symbol <u>Ultragenyx Pharmaceutical Inc.</u> [RARE] 3. Date of Earliest Transaction (Month/Day/Year) 10/14/2020 | 5. Relationship of I (Check all applicat Director X Officer (g below) | ble) 10 ive title O | i) to Issuer)% Owner ther (specify elow) | |
| (Street) NOVATO (City) | CA (State) | 94949 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applica Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| | | Table I - Non-Deriva | ative Securities Acquired, Disposed of, or Bene | ficially Owned | | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | if any ' | 3. Transa Code (8) | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 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) | | (1130. 4) |
| Common Stock | 10/14/2020 | | S | | 262(1) | D | \$88 | 46,299(2) | D | |

| | 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. Transa Code (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 | Amount or Number of Shares | | | | |

Explanation of Responses:

1. Represents shares sold to pay required tax withholdings due to the vesting of Restricted Stock Units ("RSUs").

2. Includes previously reported shares of common stock underlying RSUs granted to the Reporting Person, which are subject to certain vesting conditions.

Remarks:

EVP of Translational Sciences and Chief Quality Officer

/s/ Karah Parschauer, attorney-10/16/2020

in-fact

** 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.