

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

| | | | |
|--|---|---|--|
| 1. Name and Address of Reporting Person* Ajdler Arnaud (Last) (First) (Middle) C/O RECRO PHARMA, INC., 490 LAPP ROAD (Street) MALVERN,, PA 19355 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 03/25/2019 | 3. Issuer Name and Ticker or Trading Symbol Recro Pharma, Inc. [REPH] | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 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 Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock | 1,064,546 | I | See footnote (1) |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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 control number.

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|---|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Ajdler Arnaud C/O RECRO PHARMA, INC. 490 LAPP ROAD MALVERN,, PA 19355 | X | | | |

Signatures

| | |
|--|------------|
| /s/ Ryan Lake, Attorney-in-fact | 03/27/2019 |
| <small>**Signature of Reporting Person</small> | Date |

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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).

The Reporting Person is the managing partner of Engine Capital Management, LP ("Engine Management") and the Managing Member of each of Engine Capital Management GP, LLC ("Engine Management GP") and Engine Investments, LLC ("Engine Investments"). Engine Capital Management GP is the investment manager of Engine Capital, L.P. ("Engine Capital") and Engine Jet Capital, L.P. ("Engine Jet Capital"). Engine Capital owns 881,010 shares and Engine Jet Capital owns 183,536 shares of the Issuer's common stock. The Reporting Person disclaims beneficial ownership in such securities except to the extent of his pecuniary interest therein.

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints the Chief Executive Officer and the Chief Financial Officer of Recro Pharma, Inc. (the "Company"), each as t

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of the Company, Forms 3, 4 and 5, in accordance with Section 16(a) of the Securities
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to (A) complete and execute any such Forms 3, 4 or 5 (B), complete and execute any ame
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally require

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in th

The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, is not assuming, nor is the Company assuming, any of the und

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transact

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 27th day of March 2019.

/s/ Arnaud Ajdler

Name: Arnaud Ajdler