

Recro Pharma, Inc.  
Form SC 13D/A  
December 14, 2016

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

SCHEDULE 13D  
THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 2)\*

Recro Pharma, Inc.  
(Name of Issuer)

Common Stock, \$0.01 par value per share  
(Title of Class of Securities)

75629F109  
(CUSIP Number)

Broadfin Capital, LLC  
300 Park Avenue, 25<sup>th</sup> Floor  
New York, New York 10022  
Telephone - (212) 808-2460  
(Name, Address and Telephone Number of Person Authorized to Receive  
Notices and Communications)

December 13, 2016  
(Date of Event Which Requires Filing of this Statement)

If the filing  
person has  
previously filed  
a statement on  
Schedule 13G to  
report the  
acquisition that  
is the subject of  
this Schedule  
13D, and is  
filing this

schedule  
because of  
ss.240.13d-1(e),  
240.13d 1(f) or  
240.13d-1(g),  
check the  
following box [  
\_ ].

Note: Schedules  
filed in paper  
format shall  
include a signed  
original and five  
copies of the  
schedule,  
including all  
exhibits. See §  
240.13d-7 for  
other parties to  
whom copies are  
to be sent.

\* The  
remainder of  
this cover page  
shall be filled  
out for a  
reporting  
person's initial  
filing on this  
form with  
respect to the  
subject class of  
securities, and  
for any  
subsequent  
amendment  
containing  
information  
which would  
alter disclosures  
provided in a  
prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 75629F109

1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Broadfin Capital, LLC

CHECK THE  
APPROPRIATE

2. BOX IF A

MEMBER OF A  
GROUP\*

(a)

(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)   
OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

3,100,086

9.

SOLE  
DISPOSITIVE  
POWER

0

10. SHARES DISPOSITIVE POWER

3,100,086

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,100,086

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

16.43%

14. TYPE OF REPORTING PERSON

OO

---

CUSIP No. 75629F109

1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Broadfin Healthcare Master Fund, Ltd.

CHECK THE  
APPROPRIATE

2. BOX IF A

MEMBER OF A  
GROUP\*

(a)

(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)   
OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

Cayman Islands

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

3,100,086

9.

SOLE  
DISPOSITIVE  
POWER

0

10. SHARES DISPOSITIVE POWER

3,100,086

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,100,086

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

16.43%

14. TYPE OF REPORTING PERSON

OO

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CUSIP No. 75629F109

1. NAME OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Kevin Kotler

CHECK THE  
APPROPRIATE

2. BOX IF A

MEMBER OF A  
GROUP\*

(a)

(b)

3. SEC USE ONLY

4. SOURCE OF FUNDS

AF, WC

5. CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d)   
OR 2(e)

6. CITIZENSHIP OR PLACE OF ORGANIZATION

United States of America

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON WITH

7. SOLE VOTING POWER

0

8. SHARED VOTING POWER

3,100,086

9.

SOLE  
DISPOSITIVE  
POWER

0

10. SHARES DISPOSITIVE POWER

3,100,086

11. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,100,086

12. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

13. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

16.43%

14. TYPE OF REPORTING PERSON

IN, HC

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CUSIP No. 75629F109

Item 1. Security and Issuer.

This statement on Schedule 13D (the "Schedule 13D") relates to the Common Stock, \$.01 par value per share (the "Common Stock"), of Recro Pharma, Inc., a Pennsylvania corporation with its principal executive offices located at 490 Lapp Road, Malvern, Pennsylvania 19355 (the "Issuer").

Item Identity and Background.

2.

This Schedule 13D is being filed jointly by (i) Broadfin Capital, LLC, a Delaware limited liability company, (ii) Broadfin Healthcare Master Fund, Ltd., an exempted company incorporated and existing under the laws of the Cayman Islands, and (iii) Kevin Kotler, a United States citizen (collectively, the "Reporting Persons").

- (a)-(c),  
(f) The principal business address of the Reporting Persons is 300 Park Avenue, 25th Floor, New York, New York 10022.

Kevin Kotler is the managing member of Broadfin Capital, LLC, an investment management firm that serves as the investment manager to Broadfin Healthcare Master Fund, Ltd. The principal business of Broadfin Healthcare Master Fund, Ltd. is purchasing, holding and selling securities for investment purposes.

- (d) None of the Reporting Persons has, during the last five years, been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).

- (e) None of the Reporting Persons has, during the last five years, been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, Federal or state securities laws or finding any violation with respect to such laws.

Item 3. Source and Amount of Funds or Other Consideration.

The funds for the purchase of the Shares beneficially owned by the Reporting Persons came from the working capital of Broadfin Healthcare Master Fund, Ltd.

No borrowed funds were used to purchase the Shares, other than any borrowed funds used for working capital purposes (including certain leverage arrangements) in the ordinary course of business.

Item 4. Purpose of Transaction.

The Reporting Persons hold the securities described in Item 5 of this statement for investment purposes only.

No Reporting Person has any present plan or proposal which would relate to or result in any of the matters set forth in subparagraphs (a) - (j) of Item 4 of Schedule 13D except as set forth herein. The Reporting Persons intend to review their investment in the Issuer on a continuing basis. Depending on various factors including, without limitation, the Issuer's financial position and investment strategy, the price levels of the Shares, conditions in the

securities markets and general economic and industry conditions, the Reporting Persons may in the future take such actions with respect to their investment in the Issuer as they deem appropriate including, without limitation, making proposals to the Issuer concerning changes to the capitalization, ownership structure or operations of the Issuer, purchasing additional Shares, selling some or all of their Shares, engaging in short selling of or any hedging or similar transaction with respect to the Shares or changing their intention with respect to any and all matters referred to in Item 4.

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Item 5. Interest in Securities of the Issuer.

As of the date hereof, Broadfin Capital, LLC, Broadfin Healthcare Master Fund, Ltd. and Kevin Kotler may be deemed to be the beneficial owner of 3,100,086 shares of Common Stock or 16.43% of the shares of the Common Stock of the Issuer, based upon the 18,873,216 shares of Common Stock outstanding as of December 12, 2016, according to the Issuer's 424B4 filed on December 14, 2016.

Each of Broadfin Capital, LLC, Broadfin Healthcare Master Fund, Ltd. and Kevin Kotler has the sole power to vote or direct the vote of 0 shares of Common Stock and the shared power to vote or direct the vote of 3,100,086 shares of Common Stock.

Each of Broadfin Capital, LLC, Broadfin Healthcare Master Fund and Kevin Kotler has the sole power to dispose or direct the disposition of 0 shares of Common Stock and the shared power to dispose or direct the disposition of 3,100,086 shares of Common Stock.

(a)-(c)

On December 13, 2016, pursuant to the terms of a new issuance of Common Stock, the Reporting Persons purchased 650,000 shares of Common Stock of the Issuer. There have been no other transactions in the securities of the Issuer during the last sixty days.

The aforementioned shares of Common Stock were acquired for investment purposes. Broadfin Capital, LLC and Broadfin Healthcare Master Fund, Ltd. may acquire additional securities of the Issuer, dispose of all or some of these securities from time to time, in each case in open market or private transactions, block sales or purchases or otherwise, or may continue to hold the shares of Common Stock.

The Reporting Persons specifically disclaim beneficial ownership in the shares of Common Stock reported herein except to the extent of their pecuniary interest therein.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

This Item is not applicable.

Item 7. Material to be Filed as Exhibits.

An agreement relating to the filing of a joint statement as required by Rule 13d-1(f) under the Securities Exchange Act of 1934 is filed herewith as Exhibit A.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

December 14, 2016  
(Date)

BROADFIN CAPITAL, LLC

By: /s/ Kevin Kotler

Kevin Kotler, Managing Member

KEVIN KOTLER

/s/ Kevin Kotler

BROADFIN HEALTHCARE MASTER FUND, LTD.

By: /s/ Kevin Kotler

Kevin Kotler, Director

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (see 18 U.S.C. 1001).

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Exhibit A

AGREEMENT

The undersigned agree that this Schedule 13D/A, dated December 14, 2016, relating to the Common Stock par value \$0.01 of Recro Pharma, Inc. shall be filed on behalf of the undersigned.

December 14, 2016

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(Date)

BROADFIN CAPITAL, LLC

By: /s/ Kevin Kotler

Kevin Kotler, Managing Member

KEVIN KOTLER

/s/ Kevin Kotler

BROADFIN HEALTHCARE MASTER FUND, LTD.

By: /s/ Kevin Kotler

Kevin Kotler, Director