Recro Pharma, Inc. March 25, 2015 (REPH/ NASDAQ)



Jonathan Aschoff, (212) 702-6652 Yi Cheng, (212) 702-6620 jaschoff@breancapital.com YCheng@breancapital.com

Reports 4Q14: Imminent Interim Phase 2 Results, YE15 Could See 2 Phase 3 Trials

TP: \$26.00

Investment Summary

The revised Phase 2 trial with Dex-IN is progressing well, and Recro expects to report interim results shortly for any necessary sample size adjustment when half of the evaluable patients have been enrolled. Top-line results from the Phase 2 Dex-IN trial are still guided to read out in mid-2015, with a potential Phase 3 program with Dex-IN to start by YE15 pending a positive Phase 2 outcome. Moreover, Recro will acquire Alkermes' IV/IM meloxicam and its Gainsville, GA GMP manufacturing facility by the end of 2Q15. IV/IM meloxicam is Phase 3 ready and has demonstrated potent efficacy for acute pain in Phase 2 and Phase 1 trials, whereas the Gainsville manufacturing facility generates sufficient cash flows that would more than allow Recro to service the \$50 million in debt financing it will use to cover the upfront payment to Alkermes, and potentially fund its R&D activities over time. We believe this acquisition fits well with Recro's existing pain pipeline and its working capital needs. Recro plans to move the 30mg dose of IV meloxicam into Phase 3 by YE15. Recro ended 4Q14 with \$19.7 million in cash and equivalents, which should be sufficient to fund its operations through YE15, essentially up to any Phase 3 initiation of Dex-IN for acute post-operative pain and/or IV meloxicam.

Discussion

Pipeline update. The revised Phase 2 trial with Dex-IN is progressing well, and Recro expects to report interim results shortly for any necessary sample size adjustment when half of the evaluable patients have been enrolled. Top-line results from the Phase 2 Dex-IN trial are still guided to read out in mid-2015, with a potential Phase 3 program with Dex-IN to start by YE15 pending a positive Phase 2 outcome. Moreover, Recro will acquire Alkermes' IV/IM meloxicam and its Gainsville, GA GMP manufacturing facility by the end of 2Q15. IV/IM meloxicam is Phase 3 ready and has demonstrated potent efficacy for acute pain in Phase 2 and Phase 1 trials, whereas the Gainsville manufacturing facility generates sufficient cash flows that would more than allow Recro to service the \$50 million in debt financing it will use to cover the upfront payment to Alkermes, and potentially fund its R&D activities over time. We believe this acquisition fits well with Recro's existing pain pipeline and its working capital needs. Recro plans to move the 30mg dose of IV meloxicam into Phase 3 by YE15.

4Q14 results. Recro ended 4Q14 with \$19.7 million in cash and equivalents, which should be sufficient to fund its operations through YE15, essentially up to any Phase 3 initiation of Dex-IN for acute post-operative pain and/or IV meloxicam. In February, Recro entered into a common stock purchase agreement with Aspire Capital Fund, under which Recro can sell up to \$10 million of common stock to Aspire Capital, thereby having an additional source of financing to support its operations further. Recro reported no revenue and EPS of \$(0.45) in 4Q14, and we look forward to imminent interim Phase 2 results as well as top-line Phase 2 results in mid-2015. R&D and SG&A expenses were \$2.3 million and \$1.2 million in 4Q14, respectively. Recro had about 7.7 million common shares outstanding in 4Q14.

Valuation / Target Price

We derive our target price of \$26 through a DCF analysis, assuming a 25% discount rate that is applied to all cash flows and the terminal value, which is based on a 5 multiple of the projected 2020 EBITDA of \$111 million.

| Price | | 1 | \$8.60 | | | |
|--------------------------|---|------------------|----------------|--|--|--|
| 52-Week High | \$8.90-\$2.36 | | | | | |
| Shares Out (n | | 7.7 | | | | |
| Market Cap (r | | \$66 | | | | |
| Avg. Daily Vol | | 73,666 | | | | |
| Short Interest | | | 0.4% | | | |
| EV (mm) | | | NA | | | |
| | | | | | | |
| EPS | FY13A | FY14A | FY15E | | | |
| Mar | | \$(3.67) | \$(0.50) | | | |
| Prior: | | | \$(0.97) | | | |
| June | | \$(0.36) | \$(0.55) | | | |
| Prior: | | | \$(1.05) | | | |
| Sept | | \$(0.61) | \$(0.59) | | | |
| Prior: | | | \$(1.14) | | | |
| Dec | | \$(0.45) | \$(0.80) | | | |
| Prior: | | \$(0.89) | \$(1.24) | | | |
| FY (Dec) | \$(15.41) | \$(2.79) | \$(2.43) | | | |
| Prior: | | \$(3.35) | \$(4.39) | | | |
| P/E (x) | NM | NM | NM | | | |
| Revenue (\$M |) | | | | | |
| Mar | | \$0.0 | \$0.0 | | | |
| June | | \$0.0 | \$0.0 | | | |
| Sept | | \$0.0 | \$0.0 | | | |
| Dec | | \$0.0 | \$0.0 | | | |
| FY (Dec) | \$0.0 | \$0.0 | \$0.0 | | | |
| | | | | | | |
| 2 Vol (mil) | | | Price (USD) 10 | | | |
| | | | _ 9 | | | |
| 1.5 | M | | 8-1 | | | |
| 14 | w'] | | -7 | | | |
| 1- | m | | / 6 | | | |
| • | | | - 5 | | | |
| 0.5 - | ٨ | | - 4 | | | |
| | II II. | my | 3 | | | |
| 0 - 141-1 - 1 | reserved to the second | Pot. Nov. Des. | Fob Mos | | | |
| Apr May | Jun Jul Aug Sep (| JCL INOV DEC Jan | reb iviaf | | | |
| Source: Blo | oomberg | | | | | |
| | | | | | | |

REVIEW OF EARNINGS

Recro Pharma, Inc. (REPH/NASDAQ)

RECRO PHARMA, INC

Income Statement
Fiscal Year ends December

(All amounts in 000s avenut nor shore items)

| (All amounts in 000s except per share items) | | | | | | | | | | | | | | | | | | | |
|--|---------|---------|------------|---------|--------------|-----------|-----------|---------|-----------|-----------|--------------|-----------|---------|-----------|--------------|-----------|-----------|---------|---------|
| | 20114 | Δ. | 2012A | 2013A | 1Q14 | 2Q14 | 3Q14 | 4Q14 | 2014A | 1Q15E | 2Q15E | 3Q15E | 4Q15E | 2015E | 2016E | 2017E | 2018E | 2019E | 2020E |
| Dex-IN for post-operative pain (US) | | | | | | | | | - | | | | | - | - | - | 36,205 | 132,483 | 217,661 |
| Total revenues | | | | | - | - | - | | - | - | - | - | | - | - | - | 36,205 | 132,483 | 217,661 |
| cogs | | | | | | | | | | | | | | | - | - | 7,241 | 26,497 | 39,179 |
| R&D | 1,8 | 328 | 542 | 544 | 227 | 1,837 | 3,634 | 2,254 | 7,952 | 2,593 | 2,982 | 3,280 | 4,919 | 13,773 | 19,283 | 21,211 | 23,332 | 25,665 | 28,232 |
| SG&A | 4 | 185 | 339 | 546 | 647 | 959 | 1,084 | 1,230 | 3,919 | 1,242 | 1,255 | 1,267 | 1,280 | 5,043 | 6,556 | 11,146 | 24,521 | 36,781 | 40,459 |
| Total operating expenses | 2,3 | 313 | 881 | 1,090 | 874 | 2,796 | 4,718 | 3,484 | 11,872 | 3,835 | 4,236 | 4,547 | 6,199 | 18,817 | 25,839 | 32,357 | 55,094 | 88,943 | 107,870 |
| Operating income (EBIT) | (2,3 | 313) | (881) | (1,090) | (874) | (2,796) | (4,718) | (3,484) | (11,872) | (3,835) | (4,236) | (4,547) | (6,199) | (18,817) | (25,839) | (32,357) | (18,889) | 43,540 | 109,791 |
| Interest income | | | 0 | 0 | 0 | 2 | 5 | 3 | 11 | 3 | 3 | 4 | 4 | 14 | 15 | 17 | 19 | 28 | 42 |
| Grant income | | | 85 | | | | | | - | | | | | - | - | - | - | - | |
| Interest expense | (5 | 558) | (740) | (868) | (4,273) | | | | (4,273) | | | | | - | | | | | |
| Income before taxes | (2,8 | 371) | (1,537) | (1,958) | (5,146) | (2,794) | (4,713) | (3,481) | (16,134) | (3,831) | (4,233) | (4,543) | (6,196) | (18,803) | (25,824) | (32,340) | (18,870) | 43,568 | 109,833 |
| Provision for income taxes | | | | - | | | | | - | | | | | - | - | - | - | 4,357 | 32,950 |
| Net income, GAAP | (2,8 | 371) | (1,537) | (1,958) | (5,146) | (2,794) | (4,713) | (3,481) | (16,134) | (3,831) | (4,233) | (4,543) | (6,196) | (18,803) | (25,824) | (32,340) | (18,870) | 39,212 | 76,883 |
| Accretion of redeemable convertible preferred stock | (3 | 383) | (413) | (440) | (1,270) | | | | (1,270) | | | | | - | | | | | |
| Net income to common shareholders | (3,2 | 254) | (1,949) | (2,398) | (6,416) | (2,794) | (4,713) | (3,481) | (17,404) | (3,831) | (4,233) | (4,543) | (6,196) | (18,803) | (25,824) | (32,340) | (18,870) | 39,212 | 76,883 |
| EPS basic | \$ (20. | .91) \$ | (12.53) \$ | (15.41) | \$ (3.67) \$ | (0.36) \$ | (0.61) \$ | (0.45) | \$ (2.79) | \$ (0.50) | \$ (0.55) \$ | \$ (0.59) | (0.80) | \$ (2.43) | \$ (3.27) \$ | (4.02) \$ | (2.30) \$ | 4.68 \$ | 9.00 |
| EPS diluted, GAAP | \$ (20. | .91) \$ | (12.53) \$ | (15.41) | \$ (3.67) \$ | (0.36) \$ | (0.61) \$ | (0.45) | \$ (2.79) | \$ (0.50) | \$ (0.55) | \$ (0.59) | (0.80) | \$ (2.43) | \$ (3.27) \$ | (4.02) \$ | (2.30) \$ | 3.89 | 5 7.51 |
| Basic shares outstanding | 1 | 156 | 156 | 156 | 1,750 | 7,708 | 7,708 | 7,708 | 6,239 | 7,715 | 7,723 | 7,731 | 7,738 | 7,727 | 7,893 | 8,051 | 8,212 | 8,376 | 8,544 |
| Diluted shares outstanding | 1 | 156 | 156 | 156 | 1,750 | 7,708 | 7,708 | 7,708 | 6,239 | 7,715 | 7,723 | 7,731 | 7,738 | 7,727 | 7,893 | 8,051 | 9,912 | 10,076 | 10,244 |
| Source: Company documents and Brean Capital, LLC. estimate | 'S | | | | | | • | | | | • | | | | • | | | | |

Brean Capital, LLC. Equity Research

Risks

Recro Pharma, Inc. (REPH)

Risks to the achievement of our target price include market adoption risks, business development risks, competition, and high share price volatility.

Important Disclosures

Ratings and Target Price History



At the time this report was published, Brean Capital, LLC made a market in the securities of Recro Pharma, Inc. .

Recro Pharma, Inc. is, or within the last 12 months has been, a client of Brean Capital, LLC, and investment banking and/or advisory services are being, or have been provided.

Brean Capital, LLC has managed or co-managed a public offering or placement of securities of Recro Pharma, Inc. within the past 12 months.

Brean Capital, LLC has received compensation for investment banking and/or advisory services from Recro Pharma, Inc. within the past 12 months.

In the normal course of its business, Brean Capital, LLC intends to seek compensation for investment banking or non-investment banking services from the companies in its coverage universe. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decisions.

The research analyst(s) or research associate(s) principally responsible for the preparation of this research report has received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors and firm revenues. The compensation is determined exclusively by research management and senior management (not including investment banking).

Brean Capital, LLC Stock Rating System

Buy - Expected to appreciate by at least 10% within the next 12 months.

Hold - Fully valued, not expected to appreciate or decline materially within the next 12 months.

Sell - Expected to decline by at least 10% within the next 12 months.

| | | | IB Serv./ Past 12Mos. | | | | | |
|-----------------|-------|---------|-----------------------|---------|--|--|--|--|
| Rating Category | Count | Percent | Count | Percent | | | | |
| BUY | 122 | 75.31% | 18 | 14.75% | | | | |
| HOLD | 36 | 22.22% | 0 | 0.00% | | | | |
| SELL | 4 | 2.47% | 0 | 0.00% | | | | |
| NOT RATED | | | | | | | | |

Note: Stock price volatility may cause temporary non-alignment of some ratings with some target prices.

Analyst Certification

We, Jonathan Aschoff and Yi Cheng, hereby certify that the views expressed in this research report accurately reflect our personal views about any and all of the subject securities or issuers referred to in this document. The analyst and associate analyst further certify that they have not received and will not be receiving direct or indirect compensation in exchange for expressing the recommendation contained in this publication.

Disclaimers

Some companies that Brean Capital, LLC follows are emerging growth companies whose securities typically involve a higher degree of risk and more volatility than the securities of more established companies. The securities discussed in Brean Capital, LLC research reports may not be suitable for some investors. Investors must make their own determination as to the appropriateness of an investment in any securities referred to herein, based on their specific investment objectives, financial status and risk tolerance. This report may discuss numerous securities, some of which may not be qualified for sale in certain states and to certain categories of investors. Readers are advised that this analysis report is issued solely for informational purposes and is not to be construed as an offer to sell or the solicitation of an offer to buy. The information contained herein is based on sources which we believe to be reliable but is not guaranteed by us as being accurate and does not purport to be a complete statement or summary of the available data on the company, industry or security discussed in the report. Past performance is no guarantee of future results. Any opinions expressed herein are statements of our judgment as of the date of publication and are subject to change without notice. Entities including but not limited to the Firm, its officers, directors, employees, customers, affiliates may have a position, long or short, in the securities referred to herein, and/or other related securities, and from time to time may increase or decrease such position or take a contra position. The Firm (or persons related thereto) may make a market in the securities mentioned herein, and may from time to time perform investment banking or other services for, or solicit investment banking or other business from, and may have other relationships with any company mentioned in this report. Brean Capital, LLC (the "Firm") is a member of SIPC, FINRA, licensed with various state securities regulatory authorities, and a registered U.S.

Please access the following link should you wish to be removed from this distribution list: UNSUBSCRIBE.

Alternatively, you may reply to this email with the subject "UNSUBSCRIBE".

Additional information is available upon request.