Equity Research

Flash Comment



March 13, 2014 FPRX-NASDAQ--Outperform (1) / V

Biotechnology

FPRX: Expect Near-Term Immuno-Oncology Partnership To Drive **Appreciation**

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Sector Rating: Biotechnology, Market Weight

- **Despite recent appreciation for FPRX shares (+30% vs. BTK -0.25%, month-to-date), we continue to believe FPRX's pipeline and discovery platform-leveraging their differentiated expression library and high-throughput capability to discover and elucidate novel pathogenic/therapeutic pathways such as in immune-oncology - remains undervalued.
- **Based on our discussions with the company, we believe they may be close to finalizing a collaboration deal with a pharma company on some of their preclinical immuno-oncology targets, which we believe would increase visibility as well as provide validation for their platform-driving further share upside.
- **We note that this morning, shares of another biotech, TSRO, are up 29% (vs. BTK +0.26%) on signing a collaboration deal with a private company (AnaptysBio) on immune-oncology antibody discovery. Candidates in TSRO's collaboration include TIM-3, LAG-3, and PD-1-which we believe are targets that FPRX is also pursuing in addition to other immunomodulatory targets, such as B7-H3 and B7-H4. Though TSRO's ultimate goal might be to combine these targets with their internal candidates (e.g. PARP and ALK/TRK inhibitors) we believe the Street's positive response to the deal is an illustration of potential upside smaller-cap companies can generate upon positive progress with early immunooncology programs, given the promise of the field.
- **BOTTOM LINE: We continue to view FPRX as undervalued based on their differentiated discovery platform that is well suited for exploring existing and novel immune-oncology targets, and the near-term partnership with a large pharma should provide additional validation of the platform and non-dilutive funding for future investments.

Five Prime Therapeutics, Inc. (FPRX-NASDAQ)

Price as of 3/13/2014: \$18.00

FY 13 EPS: \$-5.49 FY 14 EPS: \$-1.78 Shares Out.: 16.8 MM Market Cap.: \$302.4 MM

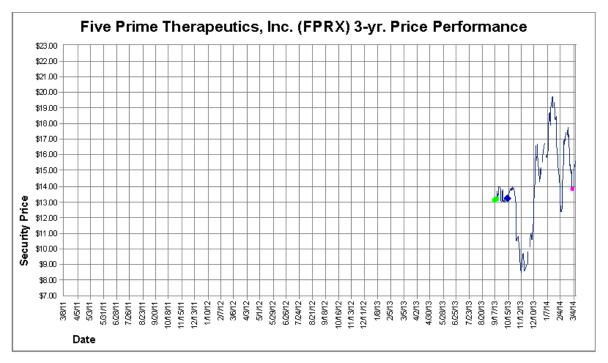
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Required Disclosures



	Date	Publication Price (\$)	Rating Code	Val. Rng. Low	Val. Rng. High	Close Price (\$)
	9/18/2013		IPO at \$13.00			
	10/14/2013		Abrahams, M.D.			
•	10/14/2013	13.19	1	17.00	19.00	13.25
•	3/3/2014	13.96	1	20.00	22.00	13.78

Source: Wells Fargo Securities, LLC estimates and Reuters data

Symbol Key

- Rating Downgrade
- Rating Upgrade
- Valuation Range Change

Initiation, Resumption, Drop or Suspend

Analyst Change Split Adjustment

Rating Code Key

Outperform/Buy Suspended Not Rated Market Perform/Hold NR Underperform/Sell No Estimate

Additional Information Available Upon Request

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FPRX: Key risks, in our view, are clinical and regulatory failure of its programs, competition, and financing.

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- **1 = Outperform:** The stock appears attractively valued, and we believe the stock's total return will exceed that of the market over the next 12 months. BUY
- **2 = Market Perform:** The stock appears appropriately valued, and we believe the stock's total return will be in line with the market over the next 12 months. HOLD
- **3 = Underperform:** The stock appears overvalued, and we believe the stock's total return will be below the market over the next 12 months. SELL

SECTOR RATING

O = Overweight: Industry expected to outperform the relevant broad market benchmark over the next 12 months.

M = Market Weight: Industry expected to perform in-line with the relevant broad market benchmark over the next 12 months.

U = Underweight: Industry expected to underperform the relevant broad market benchmark over the next 12 months.

VOLATILITY RATING

V = A stock is defined as volatile if the stock price has fluctuated by +/-20% or greater in at least 8 of the past 24 months or if the analyst expects significant volatility. All IPO stocks are automatically rated volatile within the first 24 months of trading.

As of: March 13, 2014

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