

Today's Changes

Annual EPS

2014E \$(1.37) from \$(2.18)
2015E \$0.75 from \$0.77

Annual Revenue

2014E \$3.6 from \$2.6M

Chimerix

CMRX : NASDAQ : US\$18.73

BUY

Target: US\$34.00

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COMPANY STATISTICS:

Forecast Return: 82%
Shares Out (M): 27.9
Market Cap (M): US\$523.1
52-week Range: US\$12.96 - 27.00

EARNINGS SUMMARY:

FYE Dec	2013A	2014E	2015E
Revenue:	4.4	3.6	80.0
EPS:	(3.65)	(1.37)	0.75

Revenue:	Q1	1.8	0.9	--
	Q2	0.8	0.9	--
	Q3	0.9	0.9	--
	Q4	0.9	0.9	--
Total		4.4	3.6	80.0
EPS:	Q1	(22.58)	(0.32)	--
	Q2	(0.91)	(0.34)	--
	Q3	(0.26)	(0.35)	--
	Q4	(0.31)	(0.36)	--
Total		(3.65)	(1.37)	0.75

SHARE PRICE PERFORMANCE:



Source: Interactive Data Corporation

COMPANY DESCRIPTION:

Chimerix focuses on novel, oral antiviral therapeutics in areas of high unmet need. Its proprietary lipid technology has given rise to CMX001, which is in Phase 3 and could become the first broad-spectrum antiviral against double-stranded DNA (dsDNA) viruses, and CMX157, a Phase 1 candidate for the treatment of HIV, licensed to Merck.

All amounts in US\$ unless otherwise noted.

Life Sciences -- Biotechnology

Q4/14: EXECUTING ON SUPPRESS WITH AN EYE TO FUTURE TRIALS

Investment recommendation

BUY rated, \$34 target on brincidofovir potential as a game-changer for post-transplant viral infections. We think brincidofovir could greatly improve post-transplant care for patients at risk for CMV and other double stranded DNA viral infections like ADV and BKV. We think the Ph3 SUPPRESS trial has a high chance of success, and US approval. Further, given the drug's profile, including lack of bone marrow suppression and kidney toxicity and activity against ADV and BKV, we think brincidofovir could become standard of care for bone marrow and select solid organ transplants.

Investment highlights

- Q4 EPS: \$(0.31) diluted compared to \$(0.41) consensus, our \$(0.49) estimate.
- SUPPRESS enrollment on track as additional analysis of Ph2 CMV and ADV data are presented and well received by KOLs. The Ph3 CMV prophylaxis trial is on-track for mid-'15 although CMRX did not provide much granularity on progress, understandable for this early stage in trial conduct. Meanwhile transplant MD reception at BMT of study 202 ADV non-relapse survival post-hoc analysis (see our March 4 note) and pediatric safety meta-analysis was well-received.
- More talks with regulators to start: US post-approval trial ideally to look like SUPPRESS; support EU filing. We expect clarity on the design of a US Ph4/EU registration trial, and a potential separate EU post-approval trial. We think FDA and EMA recognize the need for better CMV prophylaxis options.

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10 March 2014

Figure 1: CMRX P&L

	2011A	2012A	Q1/13A	Q2/13A	Q3/13A	Q4/13A	2013E	Q1/14E	Q2/14E	Q3/14E	Q4/14A	2014A	2015E	2016E
CMX001 US revenue	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMX157 royalties	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Product revenues	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Collaboration and licensing revenue	0.1	17.5	-	-	-	-	-	-	-	-	-	-	-	-
Contract and grant revenue	12.0	16.3	1.8	0.8	0.9	0.9	4.4	0.9	0.9	0.9	0.9	3.6	80.0	10.0
Total revenues	12.1	33.7	1.8	0.8	0.9	0.9	4.4	0.9	0.9	0.9	0.9	3.6	80.0	10.0
Cost of goods sold	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross Profit	12.1	33.7	1.8	0.8	0.9	0.9	4.4	0.90	0.90	0.90	0.90	3.6	80.0	10.0
R&D expense	27.7	27.8	6.5	6.3	5.3	6.2	24.6	6.5	6.8	7.1	7.4	27.8	30.0	25.0
SG&A expense	9.4	8.7	1.8	2.2	2.0	2.6	8.3	2.7	2.8	2.9	3.0	11.5	30.0	40.0
Other operating expense	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-
Total operating expense	37.1	36.5	8.3	8.5	7.3	8.8	32.9	9.2	9.6	10.0	10.4	39.3	60.0	65.0
Operating income	(25.0)	(2.8)	(6.5)	(7.7)	(6.4)	(7.9)	(28.6)	(8.3)	(8.7)	(9.1)	(9.5)	(35.7)	20.0	(55.0)
Net Interest/Investment income	-	-	-	-	-	-	0.0	-	-	-	-	0.0	0.0	0.0
(interest expense)	(0.2)	(0.8)	(0.4)	(0.4)	0.3	(0.2)	(0.7)	(0.2)	(0.2)	(0.2)	(0.2)	(0.8)	0.1	0.1
Fair value adjustment to warrant liability	(0.4)	(0.8)	(2.2)	(4.4)	-	-	(6.6)	-	-	-	-	-	-	-
Interest and other, Net	(0.6)	(1.6)	-	-	-	-	-	-	-	-	-	-	-	-
Pre-tax income	(25.6)	(4.4)	(9.1)	(12.5)	(6.7)	(8.1)	(36.4)	(8.5)	(8.9)	(9.3)	(9.7)	(36.5)	20.1	(54.9)
Accretion of redeemable convertible preferred stock	9.6	4.4	25.5	8.6	-	-	34.1	-	-	-	-	-	-	-
Net income (loss)	(35.2)	(8.8)	(34.6)	(21.0)	(6.7)	(8.1)	(70.5)	(8.5)	(8.9)	(9.3)	(9.7)	(36.5)	20.1	(54.9)
Basic EPS	(23.20)	(5.72)	(22.58)	(0.91)	(0.26)	(0.31)	(3.65)	(0.32)	(0.34)	(0.35)	(0.36)	(1.37)	0.75	(2.04)
Diluted EPS	(23.20)	(5.72)	(22.58)	(0.91)	(0.26)	(0.31)	(3.65)	(0.32)	(0.34)	(0.35)	(0.36)	(1.37)	0.75	(2.04)
Basic shares outstanding	1.5	1.5	1.5	23.0	25.8	26.4	19.3	26.5	26.7	26.8	26.9	26.7	26.9	27.0
Diluted shares outstanding	1.5	1.5	1.5	23.0	25.8	26.4	19.3	26.5	26.7	26.8	26.9	26.7	26.9	27.0

Source: Canaccord Genuity Estimates, Company reports

10 March 2014

Figure 2: CMRX Valuation

Drug name	Indication	Status	Launch	Years to Launch	Years to Launch plus 7	Success	Sales (US\$m)	Probability weighted Peak Sales (US\$m)	Royalty	Profitability	Probability weighted Peak Profit (US\$m)	Discount Factor	NPV (US\$)
CMX001	Prevention of CMV infection in HSCT	Phase 3	2017	3	10	65%	536.0	348.4	100%	90%	313.53	9.31	19.11
CMX001	Prevention of CMV infection in SOT	Phase 3	2019	5	12	60%	716.1	429.7	100%	90%	386.72	14.55	15.09
Total													34.20

Source: Canaccord Genuity Estimates

Investment risks

Clinical risk -- Chimerix's Phase 3 SUPPRESS trial may not be successful. While we view the SUPPRESS trial as well designed and powered for success based on the Phase 2 data, there is inherent risk to any clinical trial.

Clinical risk -- The SUPPRESS trial and other clinical may show brincidofovir to have an unacceptable safety and/or tolerability profile. While brincidofovir has not shown the immunosuppression and nephrotoxicity that is common with other CMV and AdV therapies, it has its own unique side-effect profile.

Clinical risk -- Chimerix may fail to generate additional positive supportive data for brincidofovir in AdV and BK, adversely impacting brincidofovir's ultimate commercial potential.

Regulatory risk -- FDA may change its mind on the appropriateness of conditional approval on a surrogate endpoint for brincidofovir. Chimerix plans to file for conditional approval for brincidofovir using viremia as a surrogate endpoint

Clinical/regulatory risk -- Chimerix may not be successful in meeting the post-approval data requirements required as part of a potential conditional approval.

Commercial risk -- Chimerix faces competition from cheap, generic well-established therapies as well as potential new therapies. Chimerix's operating results will suffer if they fail to successfully compete with the other biotech and pharma companies (Vical/Astellas, Merck, and Viropharma) that are also creating drugs for CMV and ADV.

Commercial risk -- Chimerix plans to hire its own small, specialized sales force. Chimerix currently does not have an organization for sales, marketing, and distribution of pharmaceutical products; the cost of establishing and maintaining such an organization may exceed the cost-effectiveness doing so.

Financing risk -- Chimerix has sufficient cash to reach SUPPRESS data but not enough to secure final US approval of the drug.

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Site Visit:

An analyst has visited Chimerix' material operations in Durham, NC. No payment or reimbursement was received from the issuer for the related travel costs.

Price Chart:***Distribution of Ratings:**

Global Stock Ratings
(as of 31 December 2013)

Coverage Universe			IB Clients
Rating	#	%	%
Buy	564	57.0%	38.1%
Speculative Buy	47	4.7%	42.6%
Hold	325	32.8%	11.4%
Sell	50	5.1%	6.0%
	990*	100.0%	

*Total includes stocks that are Under Review

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Chimerix	5, 7
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