

Morgan Stanley & Co. LLC

David Friedman, M.D.

David.Friedman@morganstanley.com
+1 212 761 4217

Sara Slifka

Sara.Slifka@morganstanley.com
+1 212 761 3920

Brianne Kugler

Brianne.Kugler@morganstanley.com
+1 212 761 6209

September 18, 2013

Stock Rating
Overweight

Industry View
In-Line

Chimerix Inc

Ph 2 CMX001 AdV Data and Mgmt Input Encouraging

Chimerix recently presented data from the Ph 2 trial (Study 202) exploring CMX001 for the treatment of adenovirus (AdV) in stem cell transplant (HSCT) pts. Despite the small trial not showing a stat sig benefit, we believe the data showed a) a consistently good safety profile vs. prior studies, and b) clear efficacy trends across key metrics. In addition, recent mgmt discussions have yielded a better understanding of possible trial designs for both AdV and/or dsDNA viruses broadly.

Safety: Safety looks generally in line with the drug's prior profile, with diarrhea being the main tolerability problem (though a rare cause of study discontinuation). There was no signal of increased GVHD rates on drug, which to us helps remove any lingering concern from the prior study where diarrhea (a now well documented drug effect) was being confused with GVHD onset.

Efficacy: CMX001 showed positive trends including a) reducing the treatment failure rate (primary EP) from 33% (placebo) to 21% (100mg BIW dose, a ~40% reduction), b) reducing the rate of AdV disease by an even larger ~50%, and c) reducing all cause mortality by ~65% (Ex. 1). In pts with higher baseline viral loads (>1000 copies/mL – a cutoff similar to the one used for CMV), the delta between drug and placebo was marked with treatment failure rates for placebo of 88% (7/8 pts) vs. 13% (1/8) for 100mg BIW. An analytical limitation is the small pt numbers and sometimes low event rates. Also, the trial powering was negatively impacted by the placebo pts clearing low level viremia –a relatively undocumented finding in the trial setting pre-Study 202.

Next Steps: Chimerix plans to meet with the FDA in 2H13 to discuss the next CMX001 study(s). Our discussions with mgmt about the AdV data imply that a portion of the morbidity and mortality seen in control arm pts can be attributed to other viruses, consistent with clinical practice. In addition, a) a key competitive differentiator of CMX001 is its broad activity, b) a single virus focused study could limit the willingness of regulators and physicians to "value" data for other viruses, and c) not all viruses (incl. AdV and BK virus) have a recognized link between viremia (presence vs. absence) and disease. Therefore, while the pt population is less clear (HSCT vs. solid organ transplant or a non-transplant pt group), we expect the next study likely takes a broader approach to treating dsDNA viruses, with a goal of less overall morbidity/mortality.

Key Ratios and Statistics

Reuters: **CMRX.O** Bloomberg: **CMRX US**

Biotechnology / United States of America

Shr price, close (Sep 17, 2013)	\$19.97
Mkt cap, curr (mm)	\$513
52-Week Range	\$27.00-15.11

Morgan Stanley does and seeks to do business with companies covered in Morgan Stanley Research. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of Morgan Stanley Research. Investors should consider Morgan Stanley Research as only a single factor in making their investment decision.

For analyst certification and other important disclosures, refer to the Disclosure Section, located at the end of this report.

Exhibit 1

CMX001 Demonstrated Improved Treatment Failure and Mortality Trends vs. Placebo in AdV Patients

The CMX001 200mg QW dose is not included in the ongoing Ph 3 SUPPRESS Trial for CMV Prevention

	CMX001 100mg BIW	CMX001 200mg QW	Placebo
Higher levels of Baseline AdV Viremia (VL > 1000 copies/mL)			
n	8	n/a	8
Virologic Response Within First Week*	88%	n/a	13%
All Patients			
n	14	16	18
Treatment Failures**	21%	50%	33%
Treatment Failures - AdV disease only	14%	31%	28%
Overall Mortality	14%	31%	39%

*Suppress AdV levels to below the limit of detection (100 copies/mL)

**Increasing AdV viremia or progression to AdV disease

Source: Company Data, Morgan Stanley Research

Company Description

Chimerix is a biopharmaceutical company primarily focused on the development of antiviral drugs. Chimerix's lead drug is CMX001, with the lead development indication being the prevention of cytomegalovirus infections in stem cell transplants. CMX001 may have potential value for the prevention and/or treatment of other dsDNA viruses in a broad set of immunocompromised patients. Chimerix's product pipeline also includes CMX157, which is partnered with Merck, for HIV and HBV infections.

Biotechnology/United States of America**Industry View: In-Line****GICS Sector: Health Care**

Strategist's Recommended Weight: 17.8%

S&P 500 Weight: 13.0%



Morgan Stanley ModelWare is a proprietary analytic framework that helps clients uncover value, adjusting for distortions and ambiguities created by local accounting regulations. For example, ModelWare EPS adjusts for one-time events, capitalizes operating leases (where their use is significant), and converts inventory from LIFO costing to a FIFO basis. ModelWare also emphasizes the separation of operating performance of a company from its financing for a more complete view of how a company generates earnings.

Disclosure Section

The information and opinions in Morgan Stanley Research were prepared by Morgan Stanley & Co. LLC, and/or Morgan Stanley C.T.V.M. S.A., and/or Morgan Stanley Mexico, Casa de Bolsa, S.A. de C.V. As used in this disclosure section, "Morgan Stanley" includes Morgan Stanley & Co. LLC, Morgan Stanley C.T.V.M. S.A., Morgan Stanley Mexico, Casa de Bolsa, S.A. de C.V. and their affiliates as necessary. For important disclosures, stock price charts and equity rating histories regarding companies that are the subject of this report, please see the Morgan Stanley Research Disclosure Website at www.morganstanley.com/researchdisclosures, or contact your investment representative or Morgan Stanley Research at 1585 Broadway, (Attention: Research Management), New York, NY, 10036 USA. For valuation methodology and risks associated with any price targets referenced in this research report, please email morganstanley.research@morganstanley.com with a request for valuation methodology and risks on a particular stock or contact your investment representative or Morgan Stanley Research at 1585 Broadway, (Attention: Research Management), New York, NY 10036 USA.

Analyst Certification

The following analysts hereby certify that their views about the companies and their securities discussed in this report are accurately expressed and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report: David Friedman.

Unless otherwise stated, the individuals listed on the cover page of this report are research analysts.

Global Research Conflict Management Policy

Morgan Stanley Research has been published in accordance with our conflict management policy, which is available at www.morganstanley.com/institutional/research/conflictpolicies.

Important US Regulatory Disclosures on Subject Companies

As of August 30, 2013, Morgan Stanley beneficially owned 1% or more of a class of common equity securities of the following companies covered in Morgan Stanley Research: Auxilium Pharmaceuticals, Elan Corporation PLC, Ironwood Pharmaceuticals, Inc., Optimer Pharmaceuticals.

Within the last 12 months, Morgan Stanley managed or co-managed a public offering (or 144A offering) of securities of Alynlyam Pharmaceuticals, Chimerix Inc, Cubist Pharmaceuticals Inc., Elan Corporation PLC, Infinity Pharmaceuticals Inc, Ironwood Pharmaceuticals, Inc., NPS Pharmaceuticals, Portola Pharmaceuticals Inc, Synageva Biopharma Corp, Tesaro Inc..

Within the last 12 months, Morgan Stanley has received compensation for investment banking services from Alynlyam Pharmaceuticals, Auxilium Pharmaceuticals, Chimerix Inc, Cubist Pharmaceuticals Inc., Elan Corporation PLC, ImmunoGen Inc., Infinity Pharmaceuticals Inc, Ironwood Pharmaceuticals, Inc., NPS Pharmaceuticals, Portola Pharmaceuticals Inc, Synageva Biopharma Corp, Tesaro Inc., Vertex Pharmaceuticals.

In the next 3 months, Morgan Stanley expects to receive or intends to seek compensation for investment banking services from Alexion Pharmaceuticals, Alynlyam Pharmaceuticals, Auxilium Pharmaceuticals, Chimerix Inc, Cubist Pharmaceuticals Inc., Elan Corporation PLC, Idenix Pharmaceuticals, Inc., ImmunoGen Inc., Incyte Corporation, Infinity Pharmaceuticals Inc, Ironwood Pharmaceuticals, Inc., Lexicon Pharmaceuticals, Inc., Neurocrine Biosciences Inc, NPS Pharmaceuticals, Pharmacyclics Inc., Portola Pharmaceuticals Inc, Synageva Biopharma Corp, Tesaro Inc., Theravance Inc, Vertex Pharmaceuticals, XenoPort Inc.

Within the last 12 months, Morgan Stanley has received compensation for products and services other than investment banking services from Auxilium Pharmaceuticals, Cubist Pharmaceuticals Inc., Elan Corporation PLC, Vertex Pharmaceuticals.

Within the last 12 months, Morgan Stanley has provided or is providing investment banking services to, or has an investment banking client relationship with, the following company: Alexion Pharmaceuticals, Alynlyam Pharmaceuticals, Auxilium Pharmaceuticals, Chimerix Inc, Cubist Pharmaceuticals Inc., Elan Corporation PLC, Idenix Pharmaceuticals, Inc., ImmunoGen Inc., Incyte Corporation, Infinity Pharmaceuticals Inc, Ironwood Pharmaceuticals, Inc., Lexicon Pharmaceuticals, Inc., Neurocrine Biosciences Inc, NPS Pharmaceuticals, Pharmacyclics Inc., Portola Pharmaceuticals Inc, Synageva Biopharma Corp, Tesaro Inc., Theravance Inc, Vertex Pharmaceuticals, XenoPort Inc.

Within the last 12 months, Morgan Stanley has either provided or is providing non-investment banking, securities-related services to and/or in the past has entered into an agreement to provide services or has a client relationship with the following company: Auxilium Pharmaceuticals, Cubist Pharmaceuticals Inc., Elan Corporation PLC, InterMune, Portola Pharmaceuticals Inc, Vertex Pharmaceuticals.

Morgan Stanley & Co. LLC makes a market in the securities of Alexion Pharmaceuticals, Alynlyam Pharmaceuticals, AMAG Pharmaceuticals, Inc., Auxilium Pharmaceuticals, Chimerix Inc, Cubist Pharmaceuticals Inc., Elan Corporation PLC, Idenix Pharmaceuticals, Inc., ImmunoGen Inc., Incyte Corporation, Infinity Pharmaceuticals Inc, InterMune, Ironwood Pharmaceuticals, Inc., Lexicon Pharmaceuticals, Inc., Neurocrine Biosciences Inc, NPS Pharmaceuticals, Optimer Pharmaceuticals, Pharmacyclics Inc., Portola Pharmaceuticals Inc, Synageva Biopharma Corp, Tesaro Inc., Theravance Inc, Vertex Pharmaceuticals, XenoPort Inc.

The equity research analysts or strategists principally responsible for the preparation of Morgan Stanley Research have received compensation based upon various factors, including quality of research, investor client feedback, stock picking, competitive factors, firm revenues and overall investment banking revenues.

Morgan Stanley and its affiliates do business that relates to companies/instruments covered in Morgan Stanley Research, including market making, providing liquidity and specialized trading, risk arbitrage and other proprietary trading, fund management, commercial banking, extension of credit, investment services and investment banking. Morgan Stanley sells to and buys from customers the securities/instruments of companies covered in Morgan Stanley Research on a principal basis. Morgan Stanley may have a position in the debt of the Company or instruments discussed in this report. Certain disclosures listed above are also for compliance with applicable regulations in non-US jurisdictions.

STOCK RATINGS

Morgan Stanley uses a relative rating system using terms such as Overweight, Equal-weight, Not-Rated or Underweight (see definitions below). Morgan Stanley does not assign ratings of Buy, Hold or Sell to the stocks we cover. Overweight, Equal-weight, Not-Rated and Underweight are not the equivalent of buy, hold and sell. Investors should carefully read the definitions of all ratings used in Morgan Stanley Research. In addition, since Morgan Stanley Research contains more complete information concerning the analyst's views, investors should carefully read Morgan Stanley Research, in its entirety, and not infer the contents from the rating alone. In any case, ratings (or research) should not be used or relied upon as investment advice. An investor's decision to buy or sell a stock should depend on individual circumstances (such as the investor's existing holdings) and other considerations.

Global Stock Ratings Distribution

(as of August 31, 2013)

September 18, 2013

Chimerix Inc

For disclosure purposes only (in accordance with NASD and NYSE requirements), we include the category headings of Buy, Hold, and Sell alongside our ratings of Overweight, Equal-weight, Not-Rated and Underweight. Morgan Stanley does not assign ratings of Buy, Hold or Sell to the stocks we cover. Overweight, Equal-weight, Not-Rated and Underweight are not the equivalent of buy, hold, and sell but represent recommended relative weightings (see definitions below). To satisfy regulatory requirements, we correspond Overweight, our most positive stock rating, with a buy recommendation; we correspond Equal-weight and Not-Rated to hold and Underweight to sell recommendations, respectively.

Stock Rating Category	Coverage Universe		Investment Banking Clients (IBC)		
	Count	% of Total	Count	% of Total IBC	% of Rating Category
Overweight/Buy	978	34%	400	38%	41%
Equal-weight/Hold	1280	44%	491	46%	38%
Not-Rated/Hold	114	4%	28	3%	25%
Underweight/Sell	510	18%	137	13%	27%
Total	2,882		1056		

Data include common stock and ADRs currently assigned ratings. An investor's decision to buy or sell a stock should depend on individual circumstances (such as the investor's existing holdings) and other considerations. Investment Banking Clients are companies from whom Morgan Stanley received investment banking compensation in the last 12 months.

Analyst Stock Ratings

Overweight (O). The stock's total return is expected to exceed the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.

Equal-weight (E). The stock's total return is expected to be in line with the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.

Not-Rated (NR). Currently the analyst does not have adequate conviction about the stock's total return relative to the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.

Underweight (U). The stock's total return is expected to be below the average total return of the analyst's industry (or industry team's) coverage universe, on a risk-adjusted basis, over the next 12-18 months.

Unless otherwise specified, the time frame for price targets included in Morgan Stanley Research is 12 to 18 months.

Analyst Industry Views

Attractive (A): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be attractive vs. the relevant broad market benchmark, as indicated below.

In-Line (I): The analyst expects the performance of his or her industry coverage universe over the next 12-18 months to be in line with the relevant broad market benchmark, as indicated below.

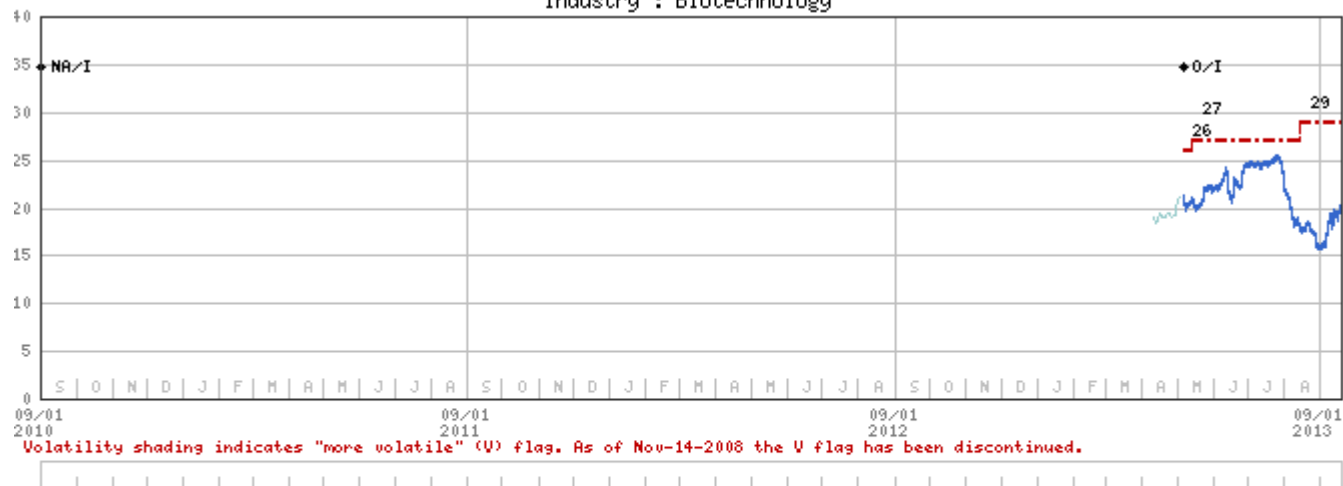
Cautious (C): The analyst views the performance of his or her industry coverage universe over the next 12-18 months with caution vs. the relevant broad market benchmark, as indicated below.

Benchmarks for each region are as follows: North America - S&P 500; Latin America - relevant MSCI country index or MSCI Latin America Index; Europe - MSCI Europe; Japan - TOPIX; Asia - relevant MSCI country index.

Stock Price, Price Target and Rating History (See Rating Definitions)

September 18, 2013

Chimerix Inc

Chimerix Inc (CMRX.O) - As of 9/17/13 in USD
Industry : Biotechnology

Stock Rating History: 9/1/10 : NA/I; 5/6/13 : 0/I

Price Target History: 5/6/13 : 26; 5/13/13 : 27; 8/14/13 : 29

Source: Morgan Stanley Research Date Format : MM/DD/YY Price Target -- No Price Target Assigned (NA)
 Stock Price (Not Covered by Current Analyst) — Stock Price (Covered by Current Analyst) —
 Stock and Industry Ratings (abbreviations below) appear as ♦ Stock Rating/Industry View
 Stock Ratings: Overweight (O) Equal-weight (E) Underweight (U) Not-Rated (NR) More Volatile (V) No Rating Available (NA)
 Industry View: Attractive (A) In-line (I) Cautious (C) No Rating (NR)

Important Disclosures for Morgan Stanley Smith Barney LLC Customers

Citi Research publications may be available about the companies or topics that are the subject of Morgan Stanley Research. Ask your Financial Advisor or use Research Center to view any available Citi Research publications in addition to Morgan Stanley research reports.

Important disclosures regarding the relationship between the companies that are the subject of Morgan Stanley Research and Morgan Stanley Smith Barney LLC or Morgan Stanley or any of their affiliates, are available on the Morgan Stanley Wealth Management disclosure website at www.morganstanley.com/online/researchdisclosures.

For Morgan Stanley specific disclosures, you may refer to www.morganstanley.com/researchdisclosures.

Each Morgan Stanley Equity Research report is reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval is conducted by the same person who reviews the Equity Research report on behalf of Morgan Stanley. This could create a conflict of interest.

Other Important Disclosures

Morgan Stanley & Co. International PLC and its affiliates have a significant financial interest in the debt securities of Cubist Pharmaceuticals Inc., Ironwood Pharmaceuticals, Inc..

Morgan Stanley is not acting as a municipal advisor and the opinions or views contained herein are not intended to be, and do not constitute, advice within the meaning of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act.

Morgan Stanley produces an equity research product called a "Tactical Idea." Views contained in a "Tactical Idea" on a particular stock may be contrary to the recommendations or views expressed in research on the same stock. This may be the result of differing time horizons, methodologies, market events, or other factors. For all research available on a particular stock, please contact your sales representative or go to Matrix at <http://www.morganstanley.com/matrix>.

Morgan Stanley will make certain research products and announcements available only on the Matrix platform. For access to Matrix, please contact your sales representative or go to Matrix at <http://www.morganstanley.com/matrix>.

Any access and/or use of Morgan Stanley Research are subject to Morgan Stanley's Terms of Use (<http://www.morganstanley.com/terms.html>). By accessing and/or using Morgan Stanley Research, you are indicating that you have read and agree to be bound by our Terms of Use (<http://www.morganstanley.com/terms.html>). In addition you consent to Morgan Stanley processing your personal data and using cookies in accordance with our Privacy Policy and our Global Cookies Policy (http://www.morganstanley.com/privacy_pledge.html), including for the purposes of setting your preferences and to collect readership data so that we can deliver better and more personalised service and products to you. To find out more information about how Morgan Stanley processes personal data, how we use cookies and how to reject cookies see our Privacy Policy and our Global Cookies Policy (http://www.morganstanley.com/privacy_pledge.html).

If you do not agree to our Terms of Use and/or if you do not wish to provide your consent to Morgan Stanley processing of your personal data or using cookies please do not access our research.

Morgan Stanley Research does not provide individually tailored investment advice. Morgan Stanley Research has been prepared without regard to the circumstances and objectives of those who receive it. Morgan Stanley recommends that investors independently evaluate particular investments and strategies, and encourages investors to seek the advice of a financial adviser. The appropriateness of an investment or strategy will depend on an investor's circumstances and objectives. The securities, instruments, or strategies discussed in Morgan Stanley Research may not be suitable for all investors, and certain investors may not be eligible to purchase or participate in some or all of them. Morgan Stanley Research is not an offer to buy or sell any security/instrument or to participate in any trading strategy. The value of and income from your investments may vary because of changes in interest rates, foreign exchange rates, default rates, prepayment rates, securities/instruments prices, market indexes, operational or financial conditions of companies or other factors. There may be time limitations on the exercise of options or other rights in securities/instruments transactions. Past performance is not necessarily a guide to future performance. Estimates of future performance are based on assumptions that may not be realized. If provided, and unless otherwise stated, the closing price on the cover page is that of the primary exchange for the subject company's securities/instruments.

The fixed income research analysts, strategists or economists principally responsible for the preparation of Morgan Stanley Research have received compensation based upon various factors, including quality, accuracy and value of research, firm profitability or revenues (which include fixed income trading and capital markets profitability or revenues), client feedback and competitive factors. Fixed Income Research analysts', strategists' or economists' compensation is not linked to investment banking or capital markets transactions performed by Morgan Stanley or the profitability or revenues of particular trading desks.

Morgan Stanley Research is not an offer to buy or sell or the solicitation of an offer to buy or sell any security/instrument or to participate in any particular trading strategy. The "Important US Regulatory Disclosures on Subject Companies" section in Morgan Stanley Research lists all companies mentioned where Morgan Stanley owns 1% or more of a class of common equity securities of the companies. For all other companies mentioned in Morgan Stanley Research, Morgan Stanley may have an investment of less than 1% in securities/instruments or derivatives of securities/instruments of companies and may trade them in ways different from those discussed in Morgan Stanley Research. Employees of Morgan Stanley not involved in the preparation of Morgan Stanley Research may have investments in securities/instruments or derivatives of securities/instruments of companies mentioned and may trade them in ways different from those discussed in Morgan Stanley Research. Derivatives may be issued by Morgan Stanley or associated persons.

With the exception of information regarding Morgan Stanley, Morgan Stanley Research is based on public information. Morgan Stanley makes every effort to use reliable, comprehensive information, but we make no representation that it is accurate or complete. We have no obligation to tell you when opinions or information in Morgan Stanley Research change apart from when we intend to discontinue equity research coverage of a subject company. Facts and views presented in Morgan Stanley Research have not been reviewed by, and may not reflect information known to, professionals in other Morgan Stanley business areas, including investment banking personnel.

Morgan Stanley Research personnel may participate in company events such as site visits and are generally prohibited from accepting payment by the company of associated expenses unless pre-approved by authorized members of Research management.

Morgan Stanley may make investment decisions or take proprietary positions that are inconsistent with the recommendations or views in this report.

To our readers in Taiwan: Information on securities/instruments that trade in Taiwan is distributed by Morgan Stanley Taiwan Limited ("MSTL"). Such information is for your reference only. The reader should independently evaluate the investment risks and is solely responsible for their investment decisions. Morgan Stanley Research may not be distributed to the public media or quoted or used by the public media without the express written consent of Morgan Stanley. Information on securities/instruments that do not trade in Taiwan is for informational purposes only and is not to be construed as a recommendation or a solicitation to trade in such securities/instruments. MSTL may not execute transactions for clients in these securities/instruments. To our readers in Hong Kong: Information is distributed in Hong Kong by and on behalf of, and is attributable to, Morgan Stanley Asia Limited as part of its regulated activities in Hong Kong. If you have any queries concerning Morgan Stanley Research, please contact our Hong Kong sales representatives.

Morgan Stanley is not incorporated under PRC law and the research in relation to this report is conducted outside the PRC. Morgan Stanley Research does not constitute an offer to sell or the solicitation of an offer to buy any securities in the PRC. PRC investors shall have the relevant qualifications to invest in such securities and shall be responsible for obtaining all relevant approvals, licenses, verifications and/or registrations from the relevant governmental authorities themselves.

Morgan Stanley Research is disseminated in Brazil by Morgan Stanley C.T.V.M. S.A.; in Japan by Morgan Stanley MUFG Securities Co., Ltd. and, for Commodities related research reports only, Morgan Stanley Capital Group Japan Co., Ltd; in Hong Kong by Morgan Stanley Asia Limited (which accepts responsibility for its contents); in Singapore by Morgan Stanley Asia (Singapore) Pte. (Registration number 199206298Z) and/or Morgan Stanley Asia (Singapore) Securities Pte Ltd (Registration number 200008434H), regulated by the Monetary Authority of Singapore (which accepts legal responsibility for its contents and should be contacted with respect to any matters arising from, or in connection with, Morgan Stanley Research); in Australia to "wholesale clients" within the meaning of the Australian Corporations Act by Morgan Stanley Australia Limited A.B.N. 67 003 734 576, holder of Australian financial services license No. 233742, which accepts responsibility for its contents; in Australia to "wholesale clients" and "retail clients" within the meaning of the Australian Corporations Act by Morgan Stanley Wealth Management Australia Pty Ltd (A.B.N. 19 009 145 555, holder of Australian financial services license No. 240813, which accepts responsibility for its contents; in Korea by Morgan Stanley & Co International plc, Seoul Branch; in India by Morgan Stanley India Company Private Limited; in Indonesia by PT Morgan Stanley Asia Indonesia; in Canada by Morgan Stanley Canada Limited, which has approved of and takes responsibility for its contents in Canada; in Germany by Morgan Stanley Bank AG, Frankfurt am Main and Morgan Stanley Private Wealth Management Limited, Niederlassung Deutschland, regulated by Bundesanstalt fuer Finanzdienstleistungsaufsicht (BaFin); in Spain by Morgan Stanley, S.V., S.A., a Morgan Stanley group company, which is supervised by the Spanish Securities Markets Commission (CNMV) and states that Morgan Stanley Research has been written and distributed in accordance with the rules of conduct applicable to financial research as established under Spanish regulations; in the US by Morgan Stanley & Co. LLC, which accepts responsibility for its contents. Morgan Stanley & Co. International plc, authorized by the Prudential Regulatory Authority and regulated by the Financial Conduct Authority and the Prudential Regulatory Authority, disseminates in the UK research that it has prepared, and approves solely for the purposes of section 21 of the Financial Services and Markets Act 2000, research which has been prepared by any of its affiliates. Morgan Stanley Private Wealth Management Limited, authorized and regulated by the Financial Conduct Authority, also disseminates Morgan Stanley Research in the UK. Private UK investors should obtain the advice of their Morgan Stanley & Co. International plc or Morgan Stanley Private Wealth Management representative about the investments concerned. RMB Morgan Stanley (Proprietary) Limited is a member of the JSE Limited and regulated by the Financial Services Board in South Africa. RMB Morgan Stanley (Proprietary) Limited is a joint venture owned equally by Morgan Stanley International Holdings Inc. and RMB Investment Advisory (Proprietary) Limited, which is wholly owned by FirstRand Limited.

The information in Morgan Stanley Research is being communicated by Morgan Stanley & Co. International plc (DIFC Branch), regulated by the Dubai Financial Services Authority (the DFSA), and is directed at Professional Clients only, as defined by the DFSA. The financial products or financial services to which this research relates will only be made available to a customer who we are satisfied meets the regulatory criteria to be a Professional Client.

The information in Morgan Stanley Research is being communicated by Morgan Stanley & Co. International plc (QFC Branch), regulated by the Qatar Financial Centre Regulatory Authority (the QFCRA), and is directed at business customers and market counterparties only and is not intended for Retail Customers as defined by the QFCRA.

As required by the Capital Markets Board of Turkey, investment information, comments and recommendations stated here, are not within the scope of investment advisory activity. Investment advisory service is provided in accordance with a contract of engagement on investment advisory concluded between brokerage houses, portfolio management companies, non-deposit banks and clients. Comments and recommendations stated here rely on the individual opinions of the ones providing these comments and recommendations. These opinions may not fit to your financial status, risk and return preferences. For this reason, to make an investment decision by relying solely to this information stated here may not bring about outcomes that fit your expectations.

The trademarks and service marks contained in Morgan Stanley Research are the property of their respective owners. Third-party data providers make no warranties or representations relating to the accuracy, completeness, or timeliness of the data they provide and shall not have liability for any damages relating to such data. The Global Industry Classification Standard (GICS) was developed by and is the exclusive property of MSCI and S&P. Morgan Stanley bases projections, opinions, forecasts and trading strategies regarding the MSCI Country Index Series solely on public information. MSCI has not reviewed, approved or endorsed these projections, opinions, forecasts and trading strategies. Morgan Stanley has no influence on or control over MSCI's index compilation decisions. Morgan Stanley Research or portions of it may not be reprinted, sold or redistributed without the written consent of Morgan Stanley. Morgan Stanley research is disseminated and available primarily electronically, and, in some cases, in printed form. Additional information on recommended securities/instruments is available on request.

Morgan Stanley Research, or any portion thereof may not be reprinted, sold or redistributed without the written consent of Morgan Stanley.

Morgan Stanley Research is disseminated and available primarily electronically, and, in some cases, in printed form.

Additional information on recommended securities/instruments is available on request.

The Americas

1585 Broadway
New York, NY 10036-8293
United States
Tel: +1 (1) 212 761 4000

Europe

20 Bank Street, Canary Wharf
London E14 4AD
United Kingdom
Tel: +44 (0) 20 7 425 8000

Japan

4-20-3 Ebisu, Shibuya-ku
Tokyo 150-6008
Japan
Tel: +81 (0) 3 5424 5000

Asia/Pacific

1 Austin Road West
Kowloon
Hong Kong
Tel: +852 2848 5200

Industry Coverage:Biotechnology

Company (Ticker)	Rating (as of)	Price* (09/17/2013)
David Friedman, M.D.		
AMAG Pharmaceuticals, Inc. (AMAG.O)	E (11/21/2011)	\$25.44
Alexion Pharmaceuticals (ALXN.O)	O (09/07/2010)	\$114.24
Alnylam Pharmaceuticals (ALNY.O)	O (06/11/2013)	\$54.5
Auxilium Pharmaceuticals (AUXL.O)	E (05/03/2013)	\$18.46
Chimerix Inc (CMRX.O)	O (05/06/2013)	\$19.97
Cubist Pharmaceuticals Inc. (CBST.O)	++	\$64.41
Elan Corporation PLC (ELN.N)	++	\$15.52
Idenix Pharmaceuticals, Inc. (IDIX.O)	E (03/18/2011)	\$5.64
Incyte Corporation (INCY.O)	U (01/23/2013)	\$36.72
InterMune (ITMN.O)	E (09/07/2010)	\$15.1
Ironwood Pharmaceuticals, Inc. (IRWD.O)	E (04/24/2013)	\$13.5
Lexicon Pharmaceuticals, Inc. (LXRX.O)	U (06/11/2013)	\$2.29
NPS Pharmaceuticals (NPSP.O)	O (10/03/2012)	\$28.36
Portola Pharmaceuticals Inc (PTLA.O)	O (06/17/2013)	\$27.32
Synageva Biopharma Corp (GEVA.O)	O (04/20/2012)	\$52.54
Theravance Inc (THRX.O)	U (07/22/2013)	\$41
Vertex Pharmaceuticals (VRTX.O)	E (05/08/2012)	\$78.03
XenoPort Inc (XNPT.O)	U (06/11/2013)	\$5.44
Yigal Nochomovitz, Ph.D.		
ImmunoGen Inc. (IMGN.O)	E (11/13/2012)	\$17.5
Infinity Pharmaceuticals Inc (INFI.O)	O (02/19/2013)	\$20.72
Pharmacyclics Inc. (PCYC.O)	E (03/19/2013)	\$119.84
Tesaro Inc. (TSRO.O)	O (07/23/2012)	\$40.75
Sara Slifka		
Neurocrine Biosciences Inc (NBIX.O)	O (10/03/2012)	\$10.6
Optimer Pharmaceuticals (OPTR.O)	++	\$12.74

Stock Ratings are subject to change. Please see latest research for each company.
* Historical prices are not split adjusted.