

Kite Pharma Inc

COMPANY AND PIPELINE OVERVIEW REPORT

A comprehensive coverage of the company and a summary of the drug pipeline portfolio.

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ABOUT COMPANY AND PIPELINE OVERVIEW REPORT

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GLOSSARY

Number of Drugs in Active Development

Number of drugs associated with the company or subsidiary that are currently in active development, i.e. the development status for the drug(s) is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Number of Inactive Drugs

Number of drugs associated with the company or subsidiary that are currently classified as inactive, i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.

Number of Patents as Owner

Number of patents associated with the company where the company is listed as owner; i.e. the relationship type (or way the patent refers to the company) is: Patent Assignee/Owner, Patent owner (not assignee), Licensee for development and marketing, Licensee – marketing only (Distributor), Patent assignee of family member, Inferred assignee.

Number of Patents as Third Party

Number of patents associated with the company where the company is listed as third party; i.e. the relationship type (or way the patent refers to the company) is: Patent assignee (not owner), Ex-Licensee for development and marketing, Ex-Licensee marketing only (Distributor), Customer of technology, Ex-Customer of technology, Patent opponent or infringer, Affiliate organization of inventor, Owner of underlying technology.

Patents summary table

This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

Number of Deals

A count of deals where the company or one of its subsidiaries is the primary company.

Key Indications

Displays top ten key indications for the company and its subsidiaries based on frequency (indications occurring with high and identical frequency are always included, and this may result in more than ten Key Indications being listed). Includes both indications associated with patents where the company is patent owner and indications associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Key Target-based Actions

Displays top ten key target-based actions for the company and its subsidiaries based on frequency (actions occurring with high and identical frequency are always included, and this may result in more than ten Key Target-based Actions being listed). Includes both target-based actions associated with patents where the company patent owner and target-based actions associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended. A target-based action is one that is associated with a target.

Key Technologies

Displays top ten key technologies for the company and its subsidiaries based on frequency (technologies occurring with high and identical frequency are always included, and this may result in more than ten Key Technologies being listed). Includes both key technologies associated with patents where the company relationship is patent owner and key technologies associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

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PLEASE NOTE: the financials section where present in the report includes: Share Information, Stock Performance chart (including the consensus recommendation), and Major Shareholders. Financial Performance presents graphical and tabular data on Worldwide Sales, Operating Income and Net Income over time, together with a Quarterly earnings update. Balance Sheet lists Assets, Liabilities and Stockholders Equity, and Forecasts includes: EPS Forecast and Other Forecasts. The data reported in all sections (except share information and major stock holders) are correct as of the publication date of the report (and not the download date). For share information and major stock holders the data is correct for the date shown with these sections

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Kite Pharma Inc

COMPANY OVERVIEW

Company Name	Kite Pharma Inc
Parent Company Name	Kite Pharma Inc
Website	http://www.kitepharma.com/
Country	US
Number of Drugs in Active Development	9
Number of Inactive Drugs	0
Number of Patents as Owner	10
Number of Patents as Third Party	0
Number of Deals	9
Key Indications	Cancer, B-cell lymphoma, Glioblastoma, Hepatocellular carcinoma, Metastasis, Non-Hodgkin lymphoma, Renal cell carcinoma, Melanoma, Breast tumor, Ovary tumor, Prostate tumor
Key Target-based Actions	Alpha-fetoprotein inhibitor, B-lymphocyte antigen CD19 inhibitor, T cell surface glycoprotein CD28 inhibitor, Cancer testis antigen NY-ESO-1 modulator, Arginase modulator, CD27 agonist, CD45RO agonist, CD62L agonist, CD66e agonist, CD80 modulator, CTAG1 gene modulator, Cyclin-dependent kinase-4 stimulator, Epidermal growth factor agonist, FOXO3 gene modulator, MART-1 melanoma antigen stimulator, Melanocyte protein Pmel 17 modulator, Melanoma associated antigen 1 modulator, Melanoma associated antigen stimulator, Mesothelin modulator, Mesothelin stimulator, Mucin 1 stimulator, Myelin basic protein stimulator, Myelin oligodendrocyte glycoprotein stimulator, T-cell surface glycoprotein CD8 stimulator
Key Technologies	Biological therapeutic, Receptor chimeric, T-lymphocyte, Cell therapy, Antigen, Gene transfer system viral, Parenteral formulation unspecified, Systemic formulation unspecified, Polynucleotide sequence, Tumor

COMPANY PROFILE

SUMMARY

Kite Pharma is a biotechnology company focused on the development of immunotherapeutic products to treat cancers.

FINANCIAL

In December 2014, the company was selected for addition to the NASDAQ Biotechnology Index, and it would be effective from December 22, 2014.

In November 2014, the company planned for a follow-on public offering of shares of its common stock. In December 2014, Kite priced the offering of 3,485,000 common stock shares at a price of US \$54 each. The underwriters were granted a 30-day option to buy up to an additional 522,750 shares of common stock. Later that month, the underwriters exercised in full their option at a price of \$54 per share. The option exercise was expected to close on January 02, 2015.

In May 2014, Kite Pharma filed a registration statement on form S-1 with the US SEC for a proposed IPO to offer their common stock shares. In June 2014, the company initiated pricing of its initial public offering of 7.5 million shares of its common stock at a price to the public of \$17 per share. The shares began trading on the NASDAQ Global Select market, under the symbol "KITE". At that time, the underwriters were granted a 30-day option to buy up to an additional 1,125,000 shares of common stock; later that month, the underwriters completely exercised their option to purchase the additional shares of the company's common stock. At that time, the total number of 8,625,000 shares was being sold in the offering and was expected to be closed on June 25, 2014.

In April 2014, the company completed a \$50 million mezzanine private financing of convertible notes.

In May 2013, Kite closed a \$20 million private placement of shares and converted \$15 million in outstanding promissory notes into shares as a part of its series A preferred stock.

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In March 2011, the company raised \$15 million in from a private placement financing round.

COMPANY FINANCIALS

SHARE INFORMATION

Close Price (USD)	60.27
Change (USD)	-3.36 (-5.28%)
Previous Close Price (USD)	63.63
Volume	724,502
52-Week High (USD)	89.21
52-Week Low (USD)	21.00
Date	06-Feb-2015
Exchange	NASDAQ(COMPOSITE)
Current Number of Shares Outstanding	41,836,596
Current Market Capitalization	2,521,491,641
EPS (Date Reported)	-1.16301

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STOCK PERFORMANCE



MAJOR SHAREHOLDERS

Shareholder	Type	Country	Shares held	% of shares held	Change in holding	% changes in shares held	Date
iShares NASDAQ Biotechnology ETF	Mutual Fund	United States	457,148	1.08	8,682	0.02	31-Jan-2015
Guggenheim Investments	Investment Advisor/Hedge Fund	United States	90,889	0.21	0	0	31-Jan-2015
iShares Russell 2000 Growth ETF	Mutual Fund	United States	62,211	0.15	-184	-0	31-Jan-2015
Charles Schwab Investment Management, Inc.	Investment Advisor	United States	27,525	0.06	661	0.02	31-Jan-2015
Schwab U.S. Small-Cap ETF	Mutual Fund	United States	10,409	0.02	495	0.05	31-Jan-2015
iShares Russell 2000 Value ETF	Mutual Fund	United States	8,606	0.02	1,004	0.13	31-Jan-2015
Schwab U.S. Broad Market ETF	Mutual Fund	United States	4,316	0.01	166	0.04	31-Jan-2015
Fidelity MSCI Health Care Index ETF	Mutual Fund	United States	4,184	0.01	451	0.12	31-Jan-2015

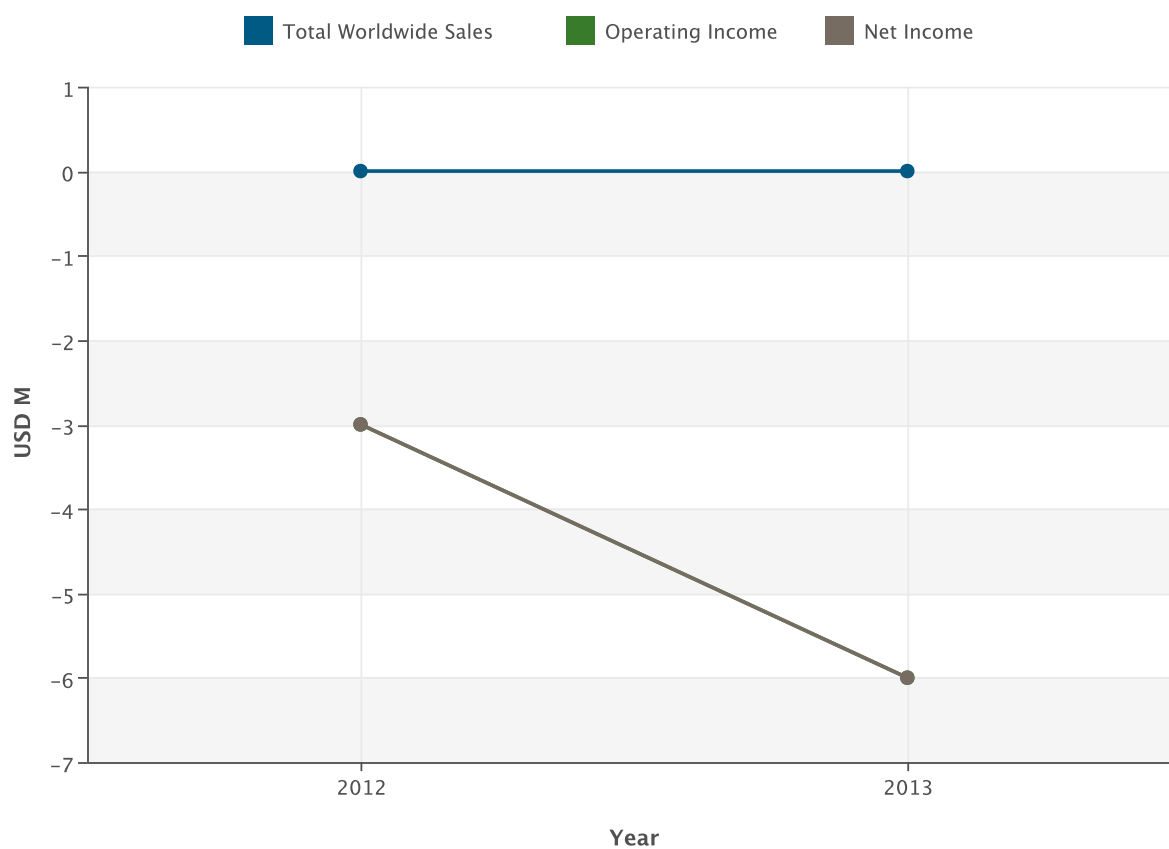
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iShares Russell 3000 ETF	Mutual Fund	United States	2,381	0.01	38	0.02	31-Jan-2015
DB Platinum Advisors	Investment Advisor	Luxembourg	2,056	0	0	0	31-Jan-2015
Nuveen Asset Management, LLC	Investment Advisor/Hedge Fund	United States	668	0	0	0	31-Jan-2015
iShares Russell 3000 Growth ETF	Mutual Fund	United States	378	0	-120	-0.24	31-Jan-2015
iShares Russell 3000 Value ETF	Mutual Fund	United States	95	0	-3	-0.03	31-Jan-2015
ProShares Hedge Replication ETF	Mutual Fund	United States	10	0	0	0	31-Jan-2015

FINANCIAL PERFORMANCE

Sales and Income



	2013	2012		
Sales (USD M)	0	0		
Operating Income (USD M)	-6.427347	-2.581146		

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	2013	2012			
Net Income (USD M)	-6.36553	-2.57269			

Quarterly earnings update

Period	Sales (USD M)	Operating Income (USD M)	Net Income (USD M)
2014 Q3	0	-9.101	-9.051
2014 Q2	0	-11.14	-17.89
2014 Q1	0	-3.161954	-3.698373
2013 Q4	0	-5.338698	-6.740241
2013 Q3	0	-1.506	-2.052
2013 Q2	0	-1.433	-1.734
2013 Q1	0	-1.088649	-1.061012

BALANCE SHEET

Assets (USD M)

	2012	2013			
Cash & Short Term Investments	8.65139	22.357478			
Inventories - Total	0	0			
Current Assets - Total	8.844355	22.597501			
Property, Plant And Equipment - Net	0.016758	0.273641			
Other Assets - Total	0.031497	0.111266			
Total Assets	8.89261	22.982408			

Liabilities (USD M)

	2012	2013			
Accounts Payable	0.127621	0.382428			
Short Term Debt & Current Portion Of Long Term Debt	0	0			
Current Liabilities - Total	0.614338	1.362339			
Long Term Debt	0.25	0			
Other Liabilities	0.14094	0			
Total Liabilities	1.045399	1.401291			

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Stockholders Equity (USD M)

	2012	2013			
Minority Interest	0	0			
Preferred Stock	0	0.020315			
Common Stock	0.005415	0.005528			
Treasury Stock	0	0			
Total Liabilities & Shareholders' Equity	8.89261	22.982408			

FORECASTS

EPS Forecast

Year ending	Current Forecast	1 month ago	3 months ago
31-Dec-2015	-1.19	0.19	0.84
31-Dec-2016	-1.21	-1.36	-1.4
31-Dec-2017	-0.72	-1.11	-0.16

Other Forecasts

Year ending	DPS	CPS	Pretax	Sales
31-Dec-2015	0	2.13	-0.78	35.36
31-Dec-2016	0	-0.66	-49.54	28.92
31-Dec-2017	0	-0.04	22.1	129.8

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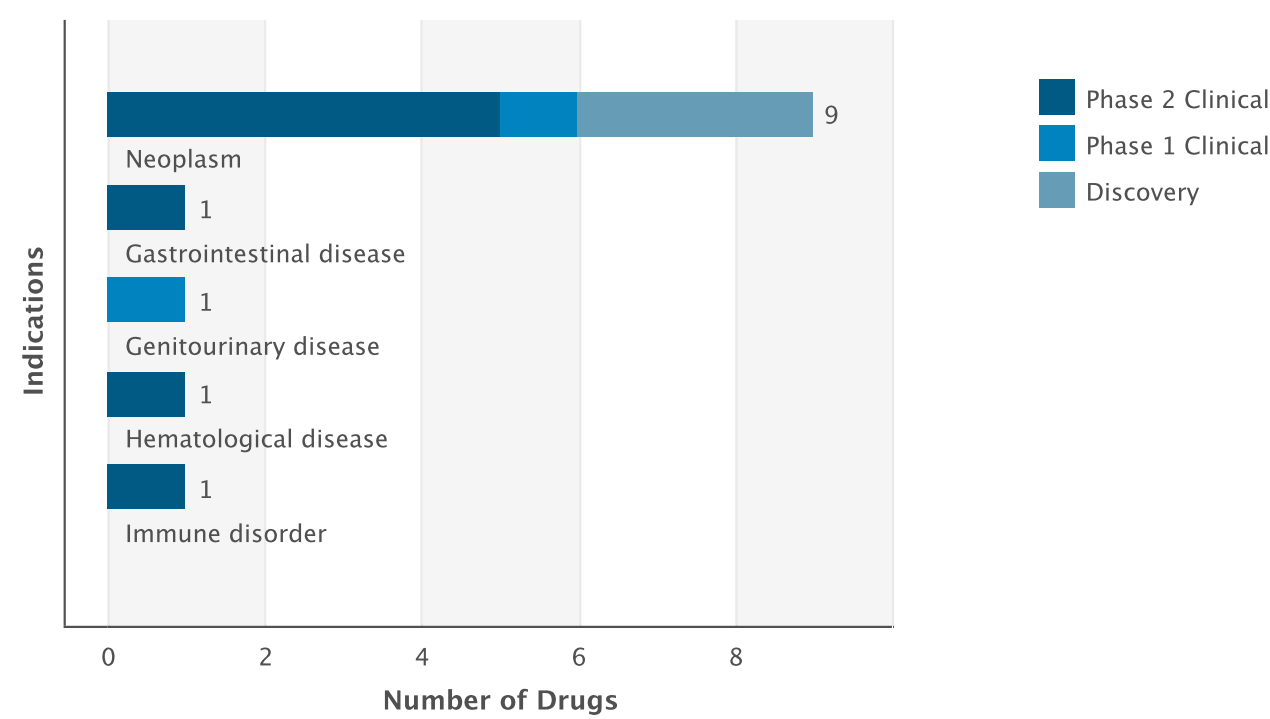


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



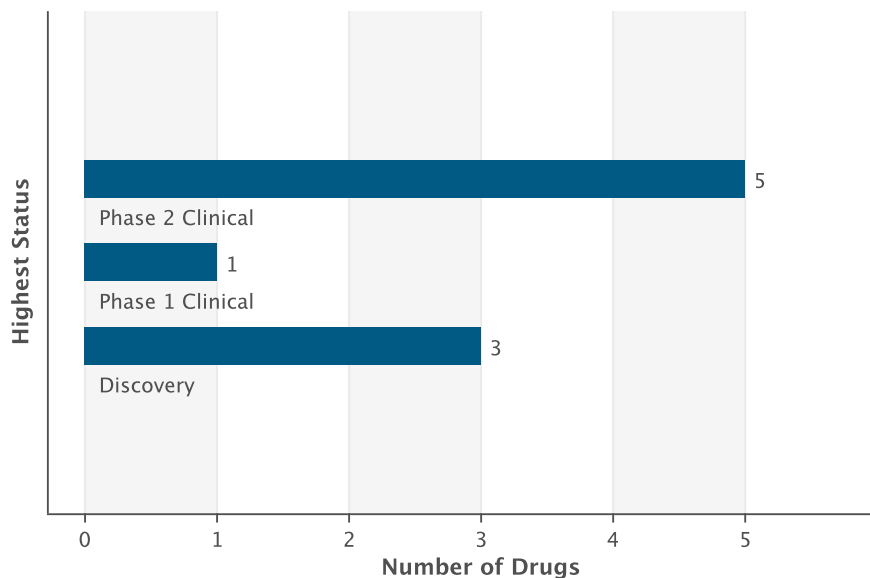
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	9	0	9
Gastrointestinal disease	1	0	1
Immune disorder	1	0	1
Genitourinary disease	1	0	1
Hematological disease	1	0	1

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Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 2 Clinical	5
Phase 1 Clinical	1
Discovery	3

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Patent - Exclusive Rights	0	0	2	0	2
Drug - Asset Divestment	0	0	1	0	1
Drug - CRADA	1	0	0	0	1
Drug - Early Research/Development	0	0	1	0	1
Drug - Development/Commercialization License	3	0	0	0	3
Drug - Development Services	0	0	1	0	1

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CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Hematological disease	1	2
Neoplasm	1	2
Immune disorder	1	2

Trials by Phase

Phase	Ongoing	All
Phase 2	1	1
Phase 1	0	1

Phase Definitions

Phase 3 Clinical

Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

Phase 2 Clinical

Includes Phase 2, Phase 2a, Phase 2b, Phase 1/2 (where enrolment count is 100 or over), Phase 2/3 (where enrolment count is under 300 or not specified)

Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

PATENTS *

Indication	As Owner	As Third Party	Total
Endocrine disease	3	0	3
Gastrointestinal disease	2	0	2
Genitourinary disease	4	0	4
Andrology	2	0	2
Immune disorder	1	0	1
Neoplasm	10	0	10
Respiratory disease	4	0	4
Infectious disease	4	0	4
Gynecology and obstetrics	3	0	3
Dermatological disease	7	0	7

* This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

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PRODUCT PORTFOLIO DRUGS

PLEASE NOTE: Highest status refers to highest development of that drug for one of the active companies

alpha-fetoprotein cancer vaccine (hepatocellular carcinoma), Kite

Drug Name	alpha-fetoprotein cancer vaccine (hepatocellular carcinoma), Kite
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Kite Pharma Inc, AFP Sino Development Co LLC, Hangzhou Beiluokang Biotechnology Co Ltd, Zhejiang Conba Pharmaceuticals Limited
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Hepatocellular carcinoma
Target-based Actions	Alpha-fetoprotein inhibitor
Other Actions	Therapeutic vaccine, Anticancer, Immunostimulant, Recombinant viral vector vaccine
Technologies	Systemic formulation unspecified, Antigen, Biological therapeutic
Last Change Date	28-Aug-2014

EGFRvIII chimeric antigen receptor program, Kite Pharma

Drug Name	EGFRvIII chimeric antigen receptor program, Kite Pharma
Key Synonyms	
Originator Company	National Cancer Institute
Active Companies	Kite Pharma Inc
Inactive Companies	National Cancer Institute
Highest Status	Phase 2 Clinical
Active Indications	Glioblastoma
Target-based Actions	Epidermal growth factor receptor modulator
Other Actions	Genetically engineered autologous cell therapy, Anticancer
Technologies	Receptor chimeric, Cell therapy, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	04-Jun-2014

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KTE-C19

Drug Name	KTE-C19
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Kite Pharma Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Non-Hodgkin lymphoma, Cancer, B-cell lymphoma
Target-based Actions	B-lymphocyte antigen CD19 inhibitor, T cell surface glycoprotein CD28 inhibitor
Other Actions	Immunomodulator, Genetically engineered autologous cell therapy, CD3 antagonist, Anticancer
Technologies	Receptor chimeric, Biological therapeutic, Parenteral formulation unspecified, Gene transfer system viral
Last Change Date	05-Feb-2015

anti-NY-ESO-1 T-cell therapy (cancer), Kite Pharma

Drug Name	anti-NY-ESO-1 T-cell therapy (cancer), Kite Pharma
Key Synonyms	
Originator Company	National Institutes of Health
Active Companies	Kite Pharma Inc
Inactive Companies	National Institutes of Health
Highest Status	Phase 2 Clinical
Active Indications	Metastasis
Target-based Actions	Cancer testis antigen NY-ESO-1 modulator
Other Actions	Genetically engineered autologous cell therapy, Anticancer
Technologies	T-lymphocyte, Cell therapy, Systemic formulation unspecified, Biological therapeutic
Last Change Date	01-Jul-2014

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HPV E6/E7 targeting TCR-based T-cell therapy (cancer), Kite Pharma

Drug Name	HPV E6/E7 targeting TCR-based T-cell therapy (cancer), Kite Pharma
Key Synonyms	
Originator Company	National Institutes of Health
Active Companies	Kite Pharma Inc
Inactive Companies	National Institutes of Health
Highest Status	Phase 2 Clinical
Active Indications	Cancer
Target-based Actions	Human papillomavirus E7 protein modulator, Human papillomavirus E6 protein modulator
Other Actions	Anticancer, Genetically engineered autologous cell therapy
Technologies	T-lymphocyte, Cell therapy, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	11-Jan-2015

DC-Ad-GMCAIX

Drug Name	DC-Ad-GMCAIX
Key Synonyms	
Originator Company	University of California Los Angeles
Active Companies	Kite Pharma Inc
Inactive Companies	University of California Los Angeles
Highest Status	Phase 1 Clinical
Active Indications	Renal cell carcinoma
Target-based Actions	Carbonic anhydrase-IX modulator
Other Actions	Anticancer, Protein subunit vaccine, Therapeutic vaccine
Technologies	Tumor antigen therapeutic, Antigen, Biological therapeutic, Protein fusion, Intradermal formulation
Last Change Date	18-Jun-2014

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anti-SSX2 T-cell therapy (cancer), Kite Pharma

Drug Name	anti-SSX2 T-cell therapy (cancer), Kite Pharma
Key Synonyms	
Originator Company	National Institutes of Health
Active Companies	Kite Pharma Inc
Inactive Companies	National Institutes of Health
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Synovial sarcoma X breakpoint protein 2 inhibitor
Other Actions	Anticancer, Genetically engineered autologous cell therapy
Technologies	T-lymphocyte, Cell therapy, Biological therapeutic
Last Change Date	01-Jul-2014

Chimeric Antigen Receptor eACTs (cancer), Kite/ Amgen

Drug Name	Chimeric Antigen Receptor eACTs (cancer), Kite/ Amgen
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Kite Pharma Inc, Amgen Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Genetically engineered autologous cell therapy, Anticancer
Technologies	T-lymphocyte, Receptor chimeric, Biological therapeutic
Last Change Date	07-Jan-2015

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chimeric antigen receptor T cell therapy (cancer), Kite Pharma/ Tel Aviv Sourasky Medical Center

Drug Name	chimeric antigen receptor T cell therapy (cancer), Kite Pharma/ Tel Aviv Sourasky Medical Center
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Kite Pharma Inc, Tel Aviv Sourasky Medical Center
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Genetically engineered autologous cell therapy, Anticancer
Technologies	T-lymphocyte, Receptor chimeric, Cell therapy, Biological therapeutic
Last Change Date	24-Jan-2015

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