

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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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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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	1
Number of Patents as Owner	10
Number of Patents as Third Party	0
Number of Deals	9
Key Indications	Cancer, Colorectal tumor, Lung tumor, B-cell lymphoma, Glioblastoma, 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, T-lymphocyte, Receptor chimeric, Cell therapy, Antigen, Parenteral formulation unspecified, Systemic formulation unspecified, Polynucleotide sequence, Tumor antigen, Antibody, Antibody fragment, Antigen presentation system, Autoantigen, Cell culture technique, Immunodetection, Isolation technology, Oligonucleotide, Peptide, Vector expression, Yeast recombinant

COMPANY PROFILE

SUMMARY

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

COMPANY LOCATION

In February 2015, the company entered into a lease agreement for a commercial manufacturing facility in El Segundo, CA, and also secured a lease for a clinical manufacturing facility in Santa Monica, CA. The two facilities would support the planned clinical trials of the company's product candidates, inclusive of the commercial launch and supply of the company's lead product candidate, KTE-C19, which was anticipated in 2017.

ACQUISITIONS AND SPIN-OFFS

In March 2015, the company acquired T-Cell Factory BV, a privately held Dutch company, and renamed it as Kite Pharma EU. Kite's acquisition of TCF included an upfront payment of up to €20.0M (US \$21.0M) to TCF shareholders, licensors and employees, of which €3.8M (US \$4.0M) would be paid in Kite stock.

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

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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.

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

COMPANY FINANCIALS

SHARE INFORMATION

Close Price (USD)	51.41
Change (USD)	1.03 (2.04%)
Previous Close Price (USD)	50.38
Volume	1,073,826
52-Week High (USD)	89.21
52-Week Low (USD)	21.00
Date	01-May-2015
Exchange	NASDAQ(COMPOSITE)
Current Number of Shares Outstanding	42,520,601
Current Market Capitalization	2,575,898,009
EPS (Date Reported)	-1.86525

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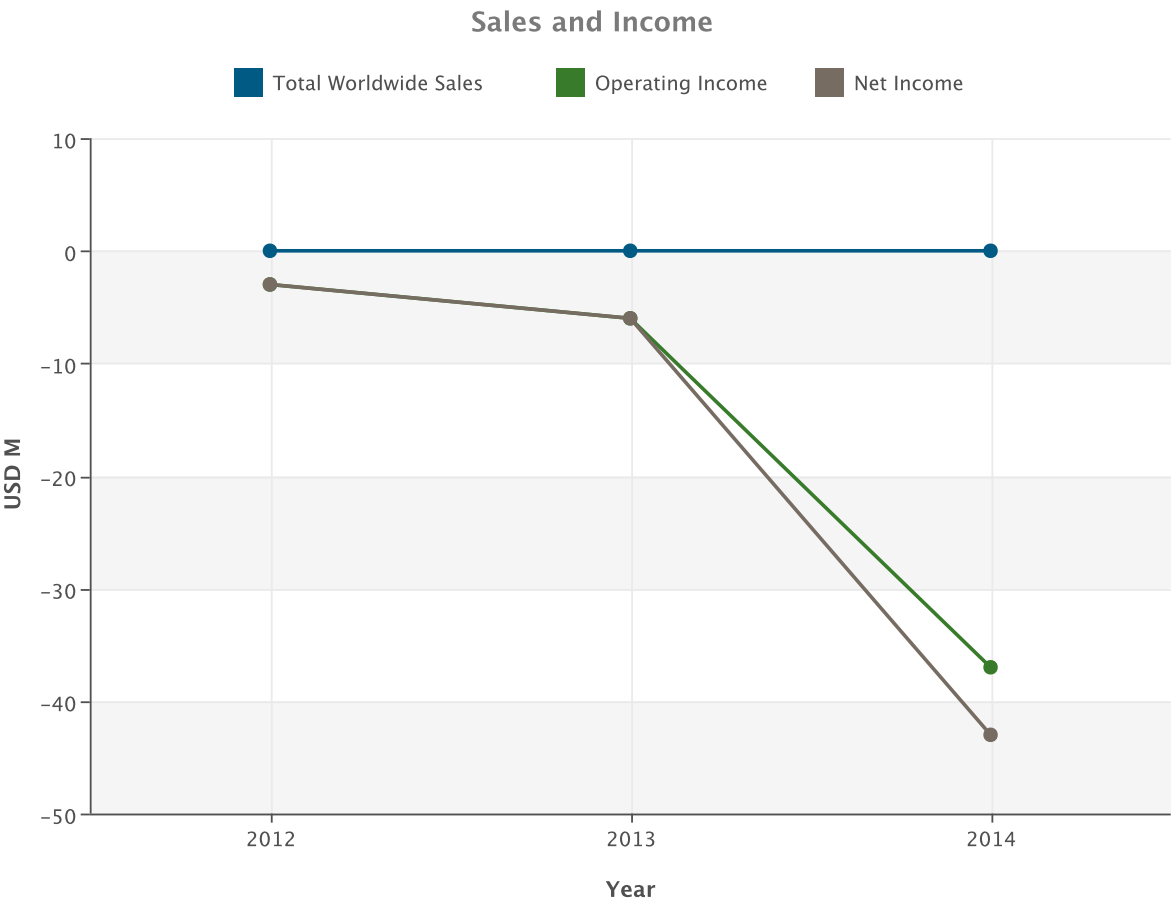
STOCK PERFORMANCE



MAJOR SHAREHOLDERS

Shareholder	Type	Country	Shares held	% of shares held	Change in holding	% changes in shares held	Date
Butitta (Cynthia M)	Individual Investor	United States	62,566	0.14	-10,000	-0.14	27-Apr-2015

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	2012	2013	2014		
Sales (USD M)	0	0	0		
Operating Income (USD M)	-2.581146	-6.427347	-36.658		
Net Income (USD M)	-2.57269	-6.36553	-42.569		

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Quarterly earnings update

Period	Sales (USD M)	Operating Income (USD M)	Net Income (USD M)
2014 Q4	0	-13.254	-13.018
2014 Q3	0	-9.101	-9.051
2014 Q2	0	-11.14	-17.89
2014 Q1	0	-3.161954	-3.698373
2013 Q4	0	-2.399347	-2.947253
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	2014		
Cash & Short Term Investments	8.65139	22.357478	367.04		
Inventories - Total	0	0	0		
Current Assets - Total	8.844355	22.597501	368.37		
Property, Plant And Equipment - Net	0.016758	0.273641	2.093		
Other Assets - Total	0.031497	0.111266	0.29		
Total Assets	8.89261	22.982408	370.753		

Liabilities (USD M)

	2012	2013	2014		
Accounts Payable	0.127621	0.382428	2.32		
Short Term Debt & Current Portion Of Long Term Debt	0	0	0		
Current Liabilities - Total	0.614338	1.362339	6.725		
Long Term Debt	0.25	0	0		
Other Liabilities	0.14094	0	1.328		
Total Liabilities	1.045399	1.401291	8.164		

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Stockholders Equity (USD M)

	2012	2013	2014		
Minority Interest	0	0	0		
Preferred Stock	0	0.020315	0		
Common Stock	0.005415	0.005528	0.042		
Treasury Stock	0	0			
Total Liabilities & Shareholders' Equity	8.89261	22.982408	370.753		

FORECASTS

EPS Forecast

Year ending	Current Forecast	1 month ago	3 months ago
31-Dec-2015	-0.74	0.66	0.84
31-Dec-2016	-1.96	-1.4	-1.4
31-Dec-2017	-1.32	-0.16	-0.16

Other Forecasts

Year ending	DPS	CPS	Pretax	Sales
31-Dec-2015	0	0.35	-21.9	52.44
31-Dec-2016	0	-1.74	-91.42	24.41
31-Dec-2017	0	-0.86	-66.21	107.13

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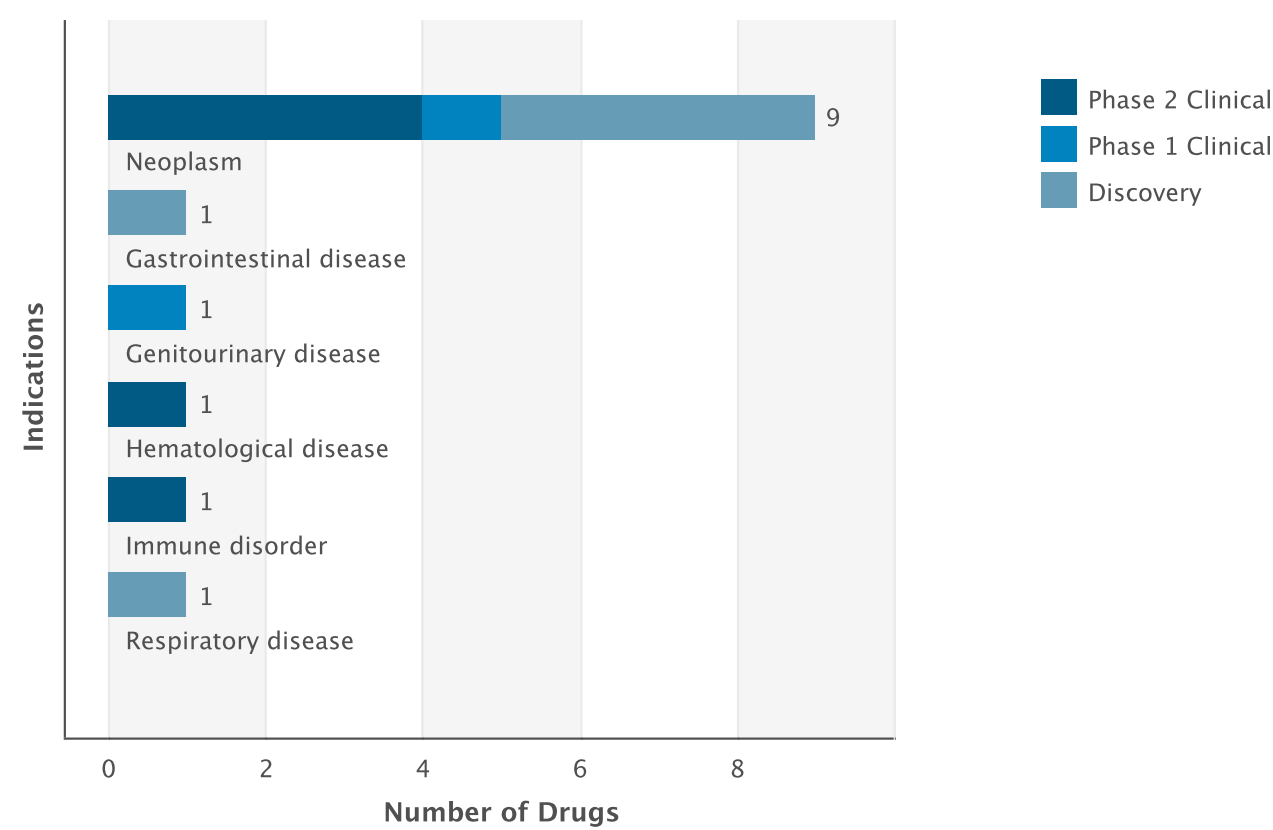


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



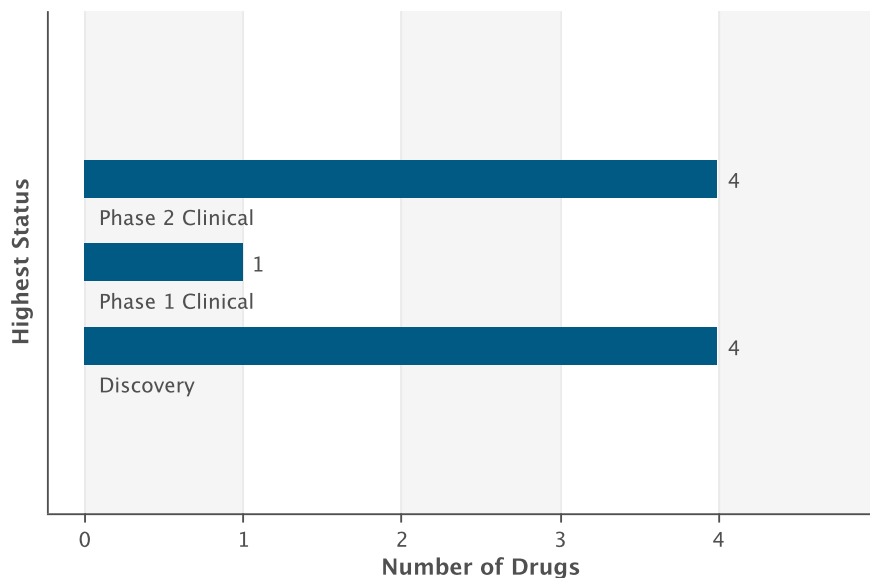
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	9	1	10
Gastrointestinal disease	1	1	2
Hematological disease	1	0	1
Respiratory disease	1	0	1
Immune disorder	1	0	1
Genitourinary 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	4
Phase 1 Clinical	1
Discovery	4
Discontinued	1

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	0	0	1	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

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

KTE-C19

Drug Name	KTE-C19
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Amgen Inc, 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
Last Change Date	27-Mar-2015

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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

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	20-Feb-2015

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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

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	18-Feb-2015

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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

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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T-cell therapy (epithelial tumors), Kite Pharma

Drug Name	T-cell therapy (epithelial tumors), Kite Pharma
Key Synonyms	
Originator Company	Kite Pharma Inc
Active Companies	Kite Pharma Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Colorectal tumor, Lung tumor
Target-based Actions	
Other Actions	Genetically engineered autologous cell therapy, Anticancer
Technologies	T-lymphocyte, Cell therapy, Biological therapeutic
Last Change Date	03-Mar-2015

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