

## 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

<b>Company Name</b>	Kite Pharma Inc
<b>Parent Company Name</b>	Kite Pharma Inc
<b>Website</b>	<a href="http://www.kitepharma.com/">http://www.kitepharma.com/</a>
<b>Country</b>	US
<b>Number of Drugs in Active Development</b>	6
<b>Number of Inactive Drugs</b>	0
<b>Number of Patents as Owner</b>	10
<b>Number of Patents as Third Party</b>	0
<b>Number of Deals</b>	5
<b>Key Indications</b>	Cancer, Glioblastoma, Hepatocellular carcinoma, Metastasis, Non-Hodgkin lymphoma, Renal cell carcinoma, Melanoma, Breast tumor, Ovary tumor, Colorectal tumor, Mesothelioma, Non-small-cell lung cancer, Pancreas tumor, Prostate tumor, Sarcoma, Viral infection
<b>Key Target-based Actions</b>	Alpha-fetoprotein inhibitor, B-lymphocyte antigen CD19 inhibitor, Cancer testis antigen NY-ESO-1 modulator, Melanocyte protein Pmel 17 modulator, Melanoma associated antigen 1 modulator, Mesothelin modulator, T-cell surface glycoprotein CD8 stimulator, Arginase modulator, CD27 agonist, CD27 modulator, CD4 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 modulator, MART-1 melanoma antigen stimulator, Melanoma associated antigen stimulator, Mesothelin stimulator, Mucin 1 stimulator, Myelin basic protein stimulator, Myelin oligodendrocyte glycoprotein stimulator
<b>Key Technologies</b>	Biological therapeutic, Antigen, Parenteral formulation unspecified, Systemic formulation unspecified, Cell therapy, Cell culture technique, Polynucleotide sequence, T-lymphocyte, Tumor antigen, Antibody, Antibody fragment, Antigen presentation system, Autoantigen, Drug screening, Immunodetection, Isolation technology, Oligonucleotide, PCR based technology, Peptide, Vector expression, Yeast recombinant

## COMPANY PROFILE

### SUMMARY

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

### FINANCIAL

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.

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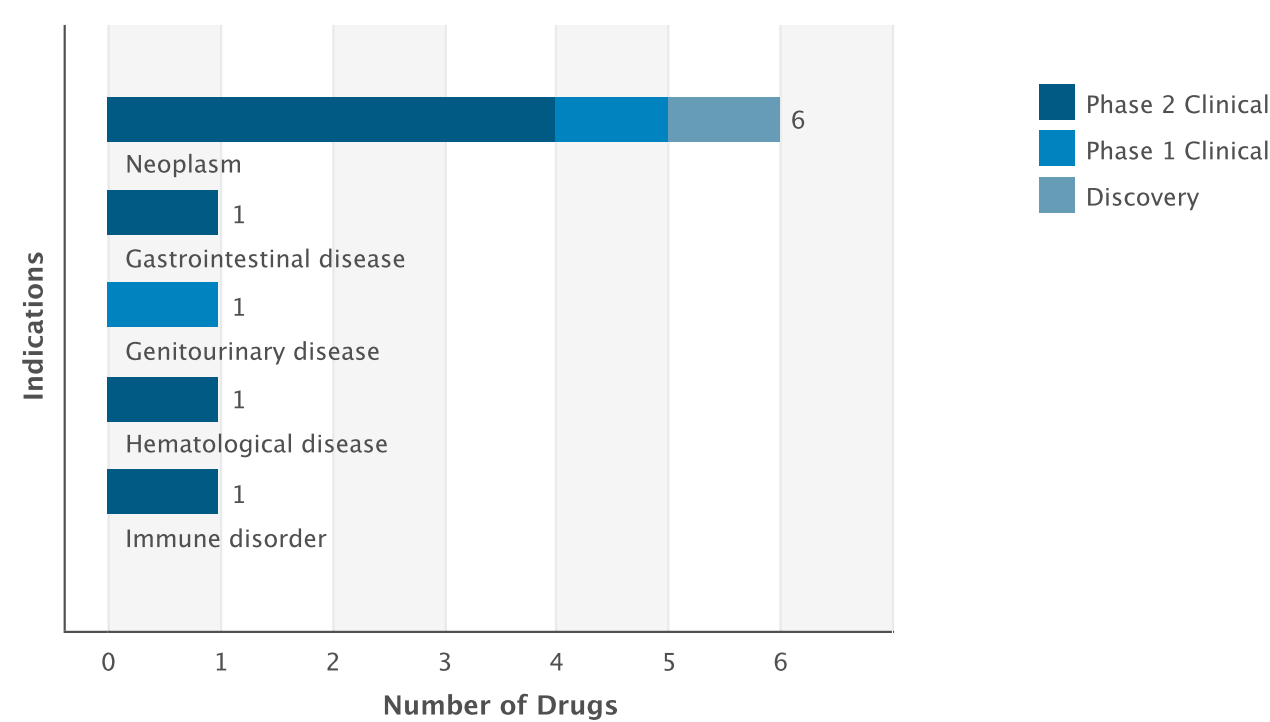


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



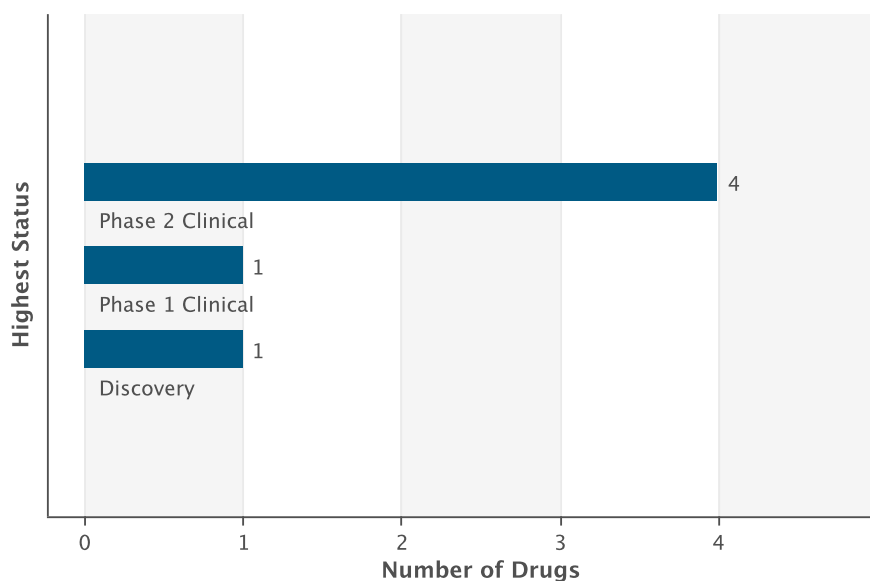
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	6	0	6
Hematological disease	1	0	1
Genitourinary disease	1	0	1
Gastrointestinal disease	1	0	1
Immune disorder	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	1

## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - CRADA	1	0	0	0	1
Drug - Asset Divestment	0	0	1	0	1
Patent - Exclusive Rights	0	0	2	0	2
Drug - Development Services	0	0	1	0	1

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## 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

<b>Drug Name</b>	alpha-fetoprotein cancer vaccine (hepatocellular carcinoma), Kite
<b>Key Synonyms</b>	
<b>Originator Company</b>	Kite Pharma Inc
<b>Active Companies</b>	Kite Pharma Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Hepatocellular carcinoma
<b>Target-based Actions</b>	Alpha-fetoprotein inhibitor
<b>Other Actions</b>	Therapeutic vaccine, Recombinant viral vector vaccine, Immunostimulant, Anticancer
<b>Technologies</b>	Systemic formulation unspecified, Antigen, Biological therapeutic
<b>Last Change Date</b>	12-Dec-2013

### EGFRvIII chimeric antigen receptor program, Kite Pharma

<b>Drug Name</b>	EGFRvIII chimeric antigen receptor program, Kite Pharma
<b>Key Synonyms</b>	
<b>Originator Company</b>	National Cancer Institute
<b>Active Companies</b>	Kite Pharma Inc
<b>Inactive Companies</b>	National Cancer Institute
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Glioblastoma
<b>Target-based Actions</b>	Epidermal growth factor receptor modulator
<b>Other Actions</b>	Anticancer, Genetically engineered autologous cell therapy
<b>Technologies</b>	Receptor chimeric, Cell therapy, Biological therapeutic, Parenteral formulation unspecified
<b>Last Change Date</b>	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
Target-based Actions	B-lymphocyte antigen CD19 inhibitor
Other Actions	Immunomodulator, Genetically engineered autologous cell therapy, Anticancer
Technologies	Biological therapeutic, Parenteral formulation unspecified
Last Change Date	30-May-2014

## 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	Anticancer, Genetically engineered autologous cell therapy
Technologies	T-lymphocyte, Cell therapy, Systemic formulation unspecified, Biological therapeutic
Last Change Date	01-Jul-2014

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## DC-Ad-GMCAIX

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

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

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

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