

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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THOMSON REUTERS

3 Times Square
New York, New York 10036
United States

Tel: +1 646 223 4000

thomsonreuters.com

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ABOUT COMPANY AND PIPELINE OVERVIEW REPORT

Thomson Reuters provides the knowledge, tools, and expertise to help support drug discovery and development activities, IP portfolio optimization, identification of licensing and partnering opportunities, delivery of successful regulatory submissions, and the ability to keep current with the rapidly-changing pharmaceutical and chemical markets, supporting informed, early decisions.

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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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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	6
Number of Inactive Drugs	0
Number of Patents as Owner	10
Number of Patents as Third Party	0
Number of Deals	7
Key Indications	Cancer,B-cell lymphoma,Glioblastoma,Hepatocellular carcinoma,Metastasis,Renal cell carcinoma,Melanoma,Breast tumor,Ovary
Key Target-based Actions	Alpha-fetoprotein inhibitor,B-lymphocyte antigen CD19 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,Antigen,Parenteral formulation unspecified,Systemic formulation unspecified,Cell therapy,Polynucleotide sequence,Tumor antigen,Antibody,Antibody fragment,Antigen presentation system,Autoantigen,Cell culture technique,Immunodetection,Isolation technology,Oligonucleotide,Peptide,T-lymphocyte,Vector expression,Yeast

COMPANY PROFILE

SUMMARY

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

FINANCIAL

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.

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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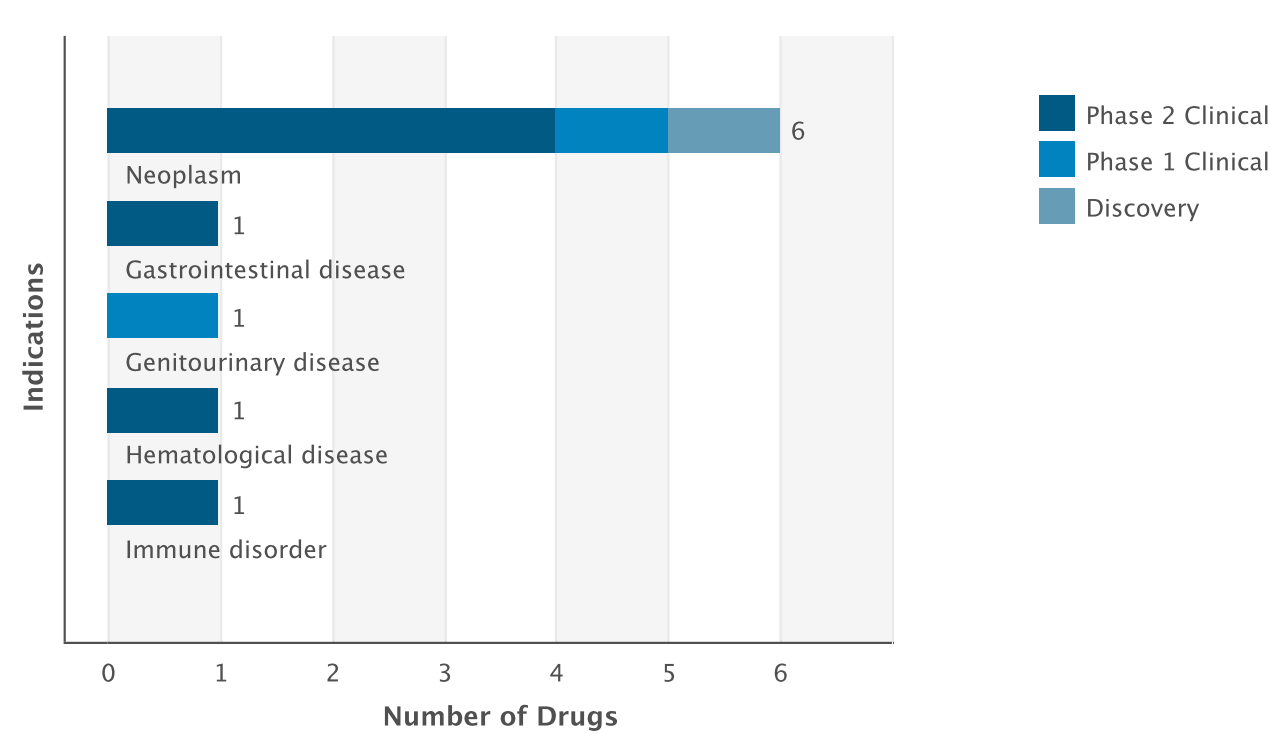


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



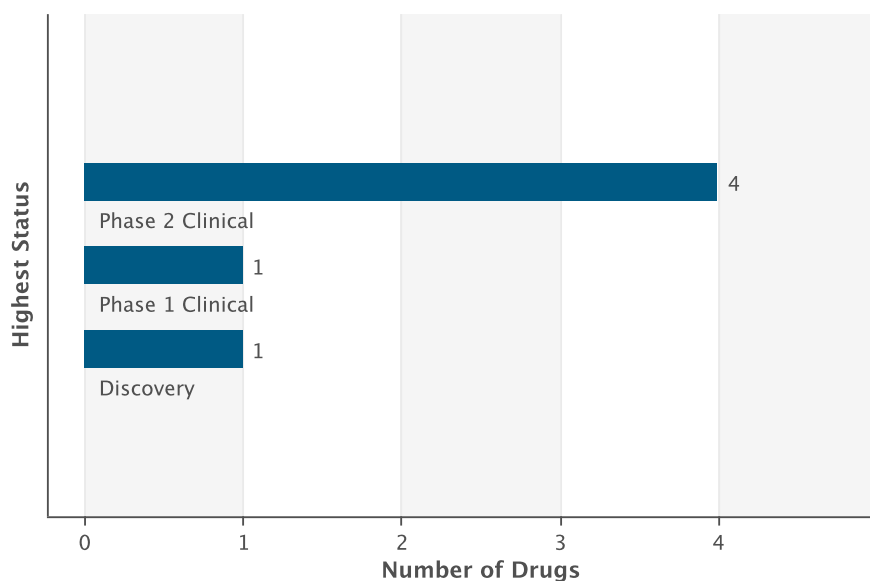
Drugs by Indication Table

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
Drug - Development/Commercialization License	2	0	0	0	2
Patent - Exclusive Rights	0	0	2	0	2
Drug - Development Services	0	0	1	0	1

CLINICAL TRIALS

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Trials by Condition Studied

Condition Studied	Ongoing	All
Hematological disease	0	1
Neoplasm	0	1
Immune disorder	0	1

Trials by Phase

Phase	Ongoing	All
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	Anticancer, Immunostimulant, Therapeutic vaccine, 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	Cancer, B-cell lymphoma
Target-based Actions	B-lymphocyte antigen CD19 inhibitor
Other Actions	Genetically engineered autologous cell therapy, Immunomodulator, Anticancer
Technologies	Biological therapeutic, Parenteral formulation unspecified
Last Change Date	27-Nov-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	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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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	Therapeutic vaccine, Protein subunit vaccine, Anticancer
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	01-Jul-2014

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