

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	Akebia Therapeutics Inc
Parent Company Name	Akebia Therapeutics Inc
Website	http://akebia.com/
Country	US
Number of Drugs in Active Development	2
Number of Inactive Drugs	3
Number of Patents as Owner	10
Number of Patents as Third Party	0
Number of Deals	2
Key Indications	Anemia,Cancer,Ocular disease,Bacterial infection,Diabetes mellitus,Sepsis,Fungal infection,Hypertension,Peripheral vascular disease,Staphylococcus aureus infection,Viral infection,Wound healing
Key Target-based Actions	HIF prolyl hydroxylase inhibitor,HIF prolyl hydroxylase-2 inhibitor,Hypoxia inducible factor-1 stimulator,VEGF receptor agonist,HIF prolyl hydroxylase-1 inhibitor,Hypoxia inducible factor-2 alpha modulator,Hypoxia inducible factor-1 alpha modulator,Protein tyrosine phosphatase beta inhibitor,Hypoxia inducible factor-1 alpha inhibitor,Hypoxia inducible factor-1 beta modulator,VEGF receptor antagonist
Key Technologies	Small molecule therapeutic,Condensational synthesis,Drug combination,Nucleophilic substitutional synthesis,Ophthalmic formulation

COMPANY PROFILE

SUMMARY

Akebia Therapeutics Inc is a venture-backed start-up pharmaceutical company specializing in the development of products for ischemia and vascular disease.

FINANCIAL

In December 2014, the company was selected for addition to the NASDAQ Biotechnology Index.

In November 2014, a personal stock purchasing plan was established in compliance with Section 10b5-1 of the Securities Exchange Act of 1934, to acquire shares of the company's common stock and the transactions under 10b5-1 purchasing plan would commence not earlier than December 15, 2014.

In June 2014, Akebia was added to the Russell 3000, Russell 2000 and Russell Global Indexes.

In February 2014, planned to conduct an IPO of its common stock and applied for listing of its common stock on the NASDAQ Stock Market under the ticker symbol 'AKBA'; in March 2014, the company initiated the pricing of its initial public offering of 5,882,353 shares of common stock at an offering price of \$17 per share. The company had also granted the underwriters a 30-day over-allotment option to buy up to an additional 879,647 shares at the initial public offering price. The trading of company's shares on the NASDAQ global market began under the ticker symbol "AKBA." The offering was expected to close on March 25, 2014; later that month, the company closed the public offering of 6,762,000 shares of common stock and raised net proceeds of approximately \$106.9 million.

In June 2013, Akebia completed a \$41 million series C financing.

In April 2011, the company closed a \$22 million series B preferred stock financing. At that time, the company raised \$14 million from the first closing, with the access to another \$8 million through the end of 2011. In January 2012, the company raised \$4.1 million from the closing of a tranche in series B financing.

In July 2009, Akebia raised \$12 million from the first closing of series A preferred stock financing round, and was to raise \$4 million from the second closing. By that time, the company had raised \$9 million from a prior round of the series A

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financing. In June 2010, the company raised \$5 million from the closing of its second tranche of series A financing (tranche was increased from \$4 million to \$5 million). A total of \$28 million was raised from all the rounds of series A financing.

COMPANY FINANCIALS

SHARE INFORMATION

Close Price (USD)	9.52
Change (USD)	-0.28 (-2.86%)
Previous Close Price (USD)	9.80
Volume	112,371
52-Week High (USD)	31.00
52-Week Low (USD)	8.60
Date	06-Feb-2015
Exchange	NASDAQ(COMPOSITE)
Current Number of Shares Outstanding	20,340,805
Current Market Capitalization	193,644,464
EPS (Date Reported)	-3.77635

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STOCK PERFORMANCE



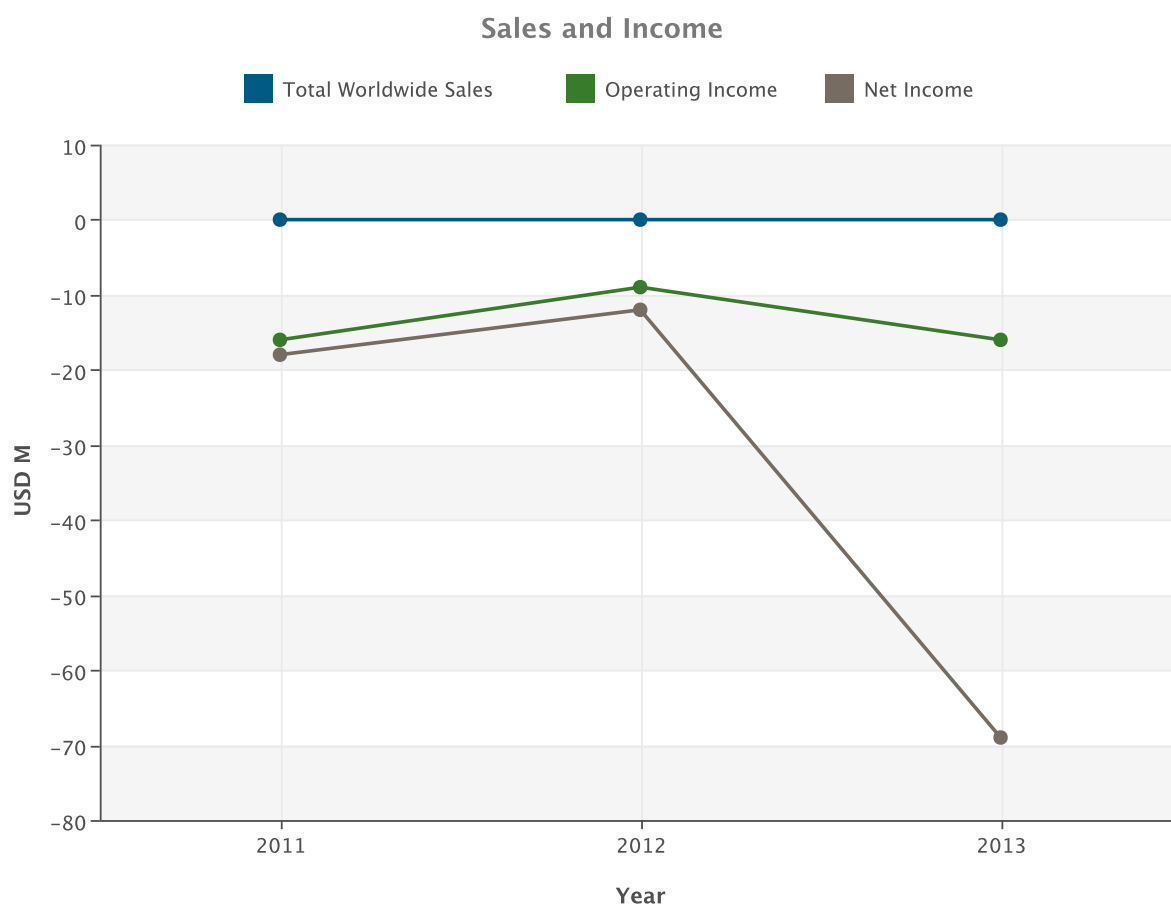
MAJOR SHAREHOLDERS

Shareholder	Type	Country	Shares held	% of shares held	Change in holding	% changes in shares held	Date
iShares NASDAQ Biotechnology ETF	Mutual Fund	United States	241,847	1.19	3,977	0.02	31-Jan-2015
Hadas Nicole R	Individual Investor	United States	73,037	0.36	2,824	0.04	02-Jan-2015
Nash (Duane)	Individual Investor	United States	60,338	0.3	985	0.02	02-Jan-2015
iShares Russell 2000 Growth ETF	Mutual Fund	United States	60,338	0.3	-975	-0.02	31-Jan-2015
iShares Micro-Cap ETF	Mutual Fund	United States	21,843	0.11	1,192	0.06	31-Jan-2015
Schwab U.S. Small-Cap ETF	Mutual Fund	United States	8,756	0.04	8,756	1	31-Jan-2015
Guggenheim Investments	Investment Advisor/Hedge Fund	United States	2,441	0.01	0	0	31-Jan-2015
iShares Russell 3000 ETF	Mutual Fund	United States	2,182	0.01	38	0.02	31-Jan-2015

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DB Platinum Advisors	Investment Advisor	Luxembourg	1,710	0.01	0	0	31-Jan-2015
Fidelity MSCI Health Care Index ETF	Mutual Fund	United States	1,280	0.01	130	0.11	31-Jan-2015
Nuveen Asset Management, LLC	Investment Advisor/Hedge Fund	United States	631	0	0	0	31-Jan-2015
iShares Russell 3000 Growth ETF	Mutual Fund	United States	392	0	-120	-0.23	31-Jan-2015
ProShares Hedge Replication ETF	Mutual Fund	United States	8	0	0	0	31-Jan-2015

FINANCIAL PERFORMANCE



	2011	2012	2013		
Sales (USD M)	0	0	0		
Operating Income (USD M)	-15.542691	-8.522549	-15.933221		
Net Income (USD M)	-18.267271	-11.518604	-69.053024		

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Quarterly earnings update

Period	Sales (USD M)	Operating Income (USD M)	Net Income (USD M)
2014 Q3	0	-9.584	-9.348
2014 Q2	0	-7.839996	-7.618327
2014 Q1	0	-9.909247	-96.596665
2013 Q4	0	-6.201372	-8.972421
2013 Q3	0	-4.034	-6.516
2013 Q2	0	-3.120783	-52.095442
2013 Q1	0	-2.576718	-1.469039
2012 Q4	0	-1.863873	-3.257098

BALANCE SHEET

Assets (USD M)

	2011	2012	2013		
Cash & Short Term Investments	6.377032	1.641038	32.556469		
Inventories - Total	0	0	0		
Current Assets - Total	7.211316	2.243873	33.431043		
Property, Plant And Equipment - Net	0	0	0.030366		
Other Assets - Total	0	0	1.203483		
Total Assets	7.211316	2.243873	34.664892		

Liabilities (USD M)

	2011	2012	2013		
Accounts Payable	1.373056	0.417943	0.714137		
Short Term Debt & Current Portion Of Long Term Debt	0	0	0.003912		
Current Liabilities - Total	1.817157	4.92333	3.90181		
Long Term Debt	0	0	0.008004		
Deferred Taxes	0	0	0		
Other Liabilities	0	0	0		
Total Liabilities	1.817157	4.92333	3.909814		

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Stockholders Equity (USD M)

	2011	2012	2013		
Minority Interest	0	0	0		
Preferred Stock	53.586024	56.908671	157.827135		
Common Stock	0.000003	0.000003	0.000014		
Treasury Stock			0		
Total Liabilities & Shareholders' Equity	7.211316	2.243873	34.664892		

FORECASTS

EPS Forecast

Year ending	Current Forecast	1 month ago	3 months ago
31-Dec-2015	-1.14	-1.11	-1.26
31-Dec-2016	-0.53	-0.51	-1.05
31-Dec-2017	-2.64	-2.89	-3.5

Other Forecasts

Year ending	DPS	CPS	Pretax	Sales
31-Dec-2015	0	0.34	-23.82	41.65
31-Dec-2016	0	0.08	-16.78	81.84
31-Dec-2017			-99.37	81.82

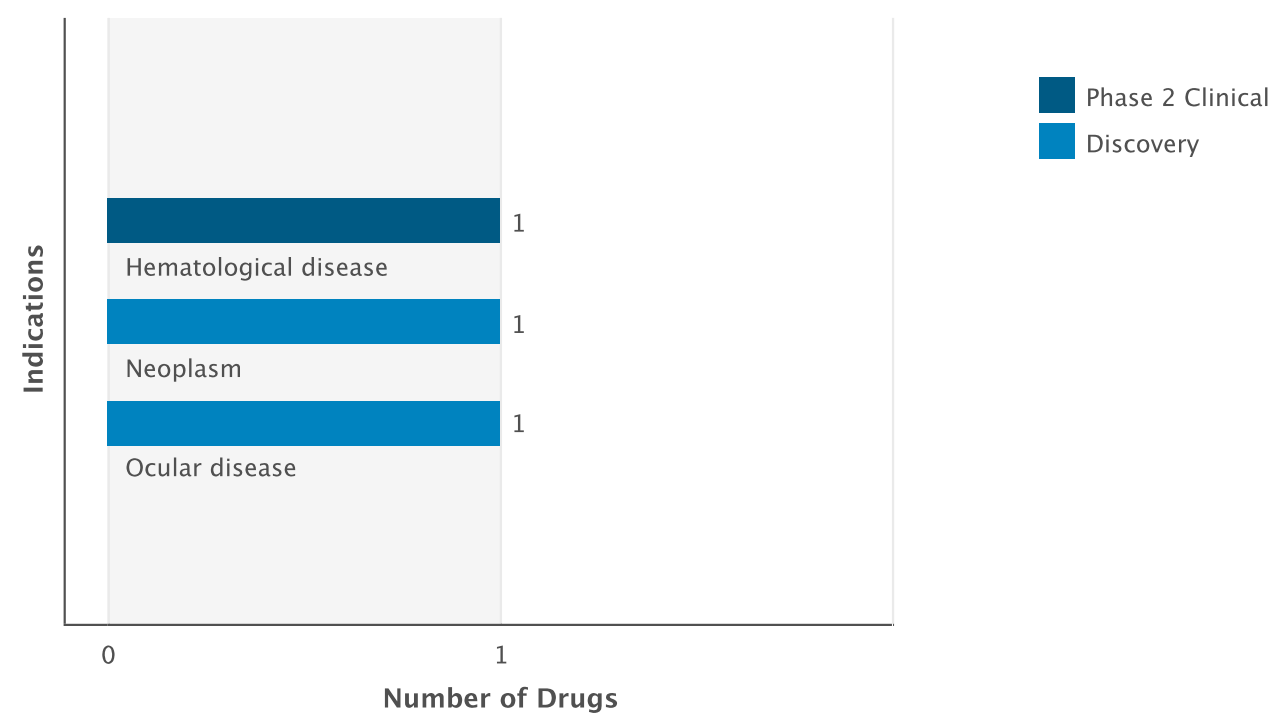
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PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



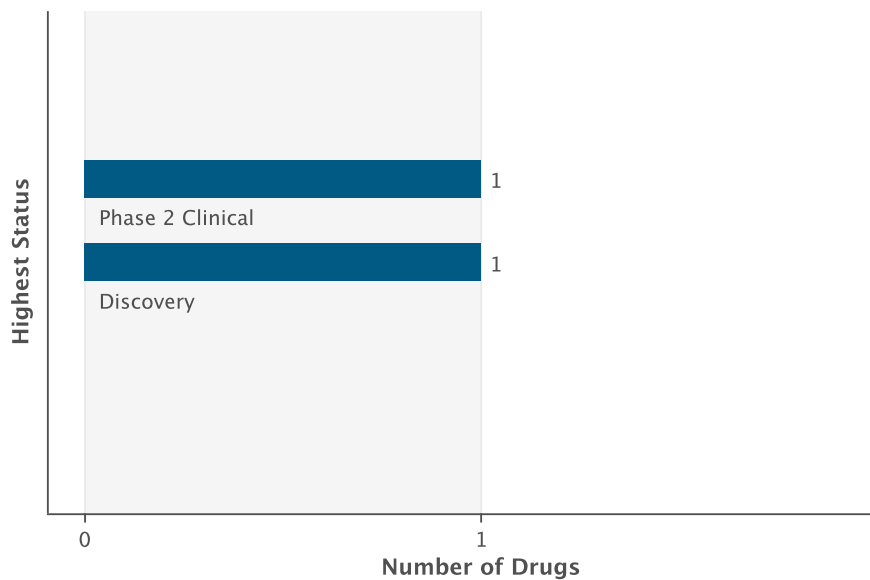
Drugs by Indication Table

Indication	Active	Inactive	Total
Ocular disease	1	2	3
Neoplasm	1	0	1
Hematological disease	1	0	1
Cardiovascular disease	0	1	1
Infectious disease	0	1	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	1
Discovery	1
No Development Reported	3

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Development/Commercialization License	0	0	2	0	2

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Hematological disease	1	7
Genitourinary disease	0	2

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Trials by Phase

Phase	Ongoing	All
Phase 2	1	4
Phase 1	0	4
Phase not specified	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
Cardiovascular disease	5	0	5
Endocrine disease	2	0	2
Gastrointestinal disease	5	0	5
Genitourinary disease	3	0	3
Hematological disease	7	0	7
Immune disorder	6	0	6
Musculoskeletal disease	5	0	5
Neoplasm	6	0	6
Ocular disease	4	0	4
Genetic disorder	1	0	1
Metabolic disorder	4	0	4
Neurological disease	4	0	4
Respiratory disease	2	0	2
Infectious disease	4	0	4
Injury	1	0	1
Inflammatory disease	4	0	4

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Gynecology and obstetrics	1	0	1
Dermatological disease	4	0	4

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

PRODUCT PORTFOLIO DRUGS

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

AKB-6548

Drug Name	AKB-6548
Key Synonyms	
Originator Company	Procter & Gamble Pharmaceuticals Inc
Active Companies	Akebia Therapeutics Inc
Inactive Companies	Procter & Gamble Pharmaceuticals Inc
Highest Status	Phase 2 Clinical
Active Indications	Anemia
Target-based Actions	HIF prolyl hydroxylase inhibitor, Hypoxia inducible factor-2 alpha modulator
Other Actions	Erythropoietin release stimulator, Hematopoietic stimulant, Blood system agent
Technologies	Oral formulation, Small molecule therapeutic
Last Change Date	06-Jan-2015

AKB-6899

Drug Name	AKB-6899
Key Synonyms	
Originator Company	Akebia Therapeutics Inc
Active Companies	Akebia Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer, Ocular disease
Target-based Actions	VEGF receptor agonist, HIF prolyl hydroxylase inhibitor
Other Actions	Anticancer, Erythropoietin release stimulator
Technologies	Small molecule therapeutic
Last Change Date	06-May-2014

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