

Vitae Pharmaceuticals Inc

COMPANY AND PIPELINE OVERVIEW REPORT

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	Vitae Pharmaceuticals Inc
Parent Company Name	Vitae Pharmaceuticals Inc
Website	http://www.vitaepharma.com/
Country	US
Number of Drugs in Active Development	6
Number of Inactive Drugs	10
Number of Patents as Owner	56
Number of Patents as Third Party	2
Number of Deals	6
Key Indications	Hypertension,Alzheimers disease,Glaucoma,Atherosclerosis,Diabetes mellitus,Obesity,Anxiety disorder,Metabolic syndrome X,Cognitive disorder,Non-insulin dependent diabetes
Key Target-based Actions	11-Beta hydroxysteroid dehydrogenase 1 inhibitor,Liver X receptor beta agonist,Renin inhibitor,Beta secretase 1 inhibitor,Liver X receptor modulator,Retinoic acid receptor gamma antagonist,Beta secretase inhibitor,Aspartic protease inhibitor,Plasmepsin inhibitor,Aurora protein kinase 1 inhibitor,Aurora protein kinase 2 inhibitor,Beta amyloid antagonist,Gamma-secretase inhibitor,HIV protease inhibitor
Key Technologies	Small molecule therapeutic,Oral formulation,Chemical intermediate,Crystalline form,Reductional synthesis,Salt synthesis,Stereochemical synthesis

COMPANY PROFILE

SUMMARY

Vitae Pharmaceuticals (formerly Concurrent Pharmaceuticals), based in Fort Washington, PA and founded in May 2001, is a clinical-stage biopharmaceutical company focused on innovative drug discovery and development of small molecules in the areas of chronic kidney disease, diabetes, atherosclerosis and Alzheimer's disease. In January 2005, the company changed its name from Concurrent to Vitae.

LICENSING AGREEMENTS

In May 2007, Quest licensed Vitae's selective retinoic acid receptor agonists and antagonists and rexinoids for cancer. Quest also acquired a technology platform, intellectual property and a small molecule library.

In May 2004, Concurrent acquired rights to certain of Allergan Inc's preclinical programs and its retinoid and rexinoid nuclear receptor research portfolio.

FINANCIAL

In January 2012, the company secured a \$15 million senior credit facility from Oxford Finance and Silicon Valley Bank.

In October 2008, Vitae entered into a \$13 million loan agreement. The company planned to use the funds to support the initial clinical development of its renin inhibitor program and to support the ongoing development of its BACE program.

By August 2006, Vitae's investors included Prospect Venture Partners, Venrock Associates, New Enterprise Associates, Atlas Venture, Wellcome Trust, Intel Capital and Allergan Corporation.

In January 2005, Vitae secured \$34 million in equity financing, which would be used to accelerate the company's programs and to advance them into clinical trials.

In January 2004, Concurrent completed a series B preferred stock financing totaling \$15 million.

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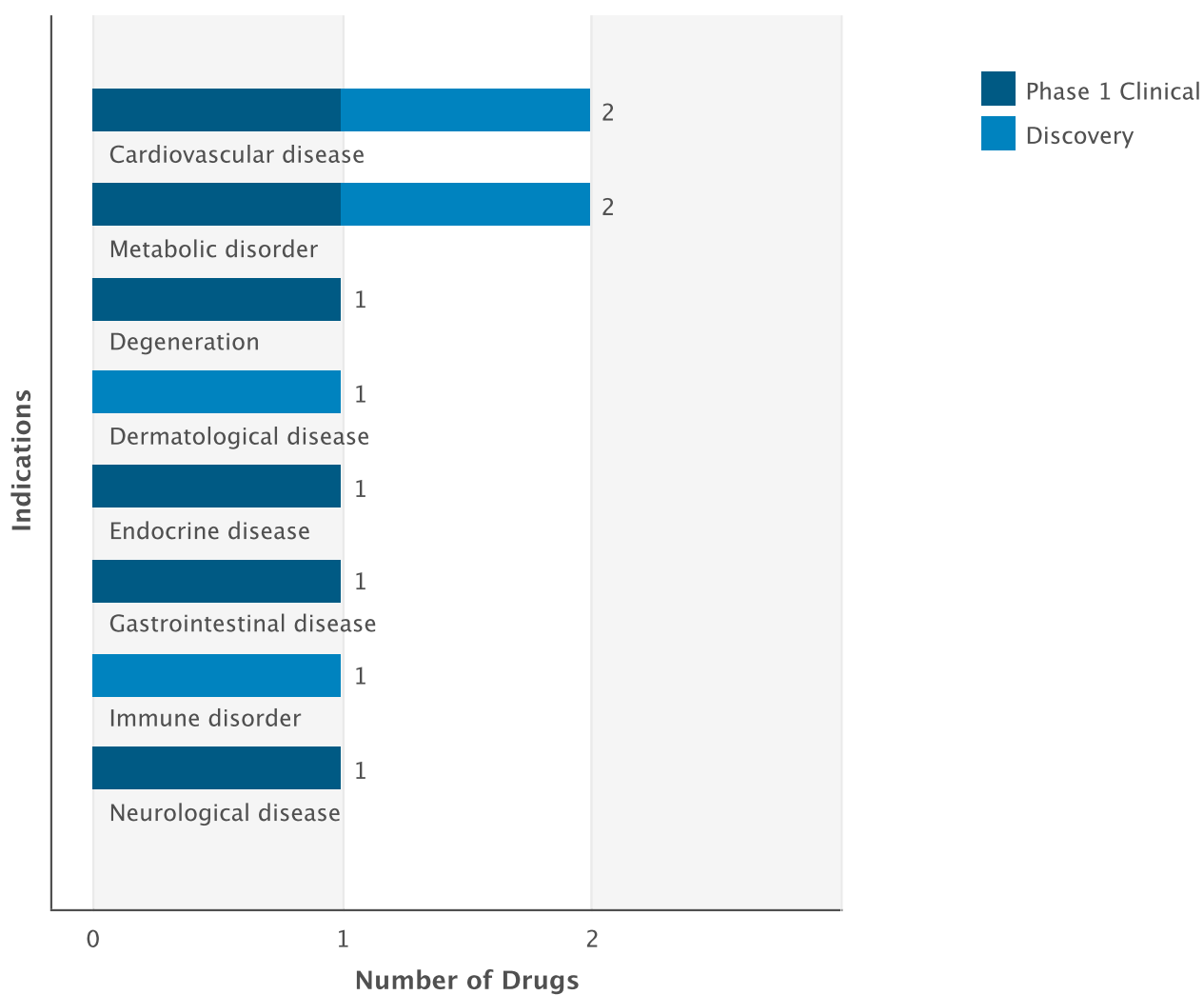


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



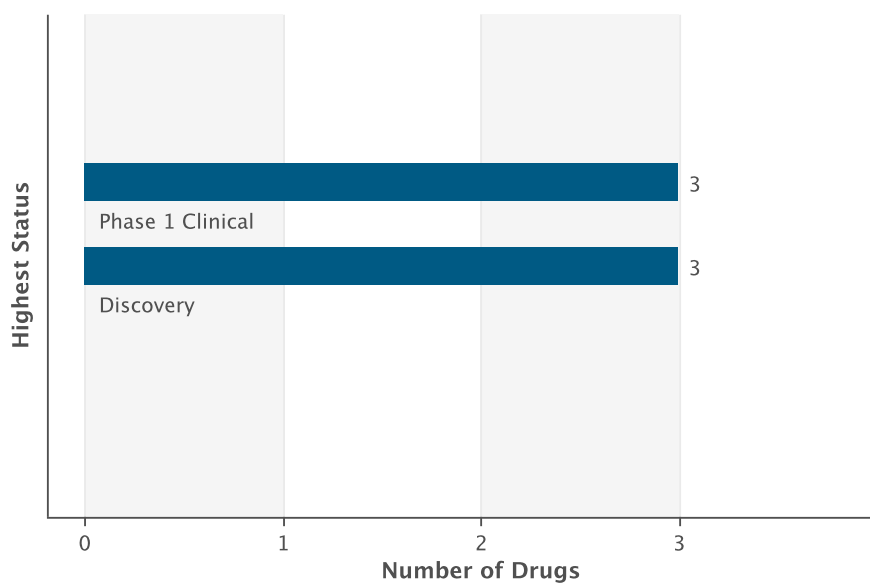
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Drugs by Indication Table

Indication	Active	Inactive	Total
Dermatological disease	1	4	5
Neoplasm	0	3	3
Immune disorder	1	2	3
Metabolic disorder	2	1	3
Neurological disease	1	1	2
Cardiovascular disease	2	0	2
Gastrointestinal disease	1	1	2
Endocrine disease	1	1	2
Degeneration	1	1	2
Hematological disease	0	2	2
Toxicity and intoxication	0	1	1
Nutritional disorder	0	1	1
Respiratory disease	0	1	1

Drugs by Highest Status

Active Drugs by Highest Status Chart



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Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 1 Clinical	3
Discovery	3
Discontinued	3
No Development Reported	7

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Asset Divestment	0	0	1	0	1
Drug - Development/Commercialization License	2	0	0	0	4
Drug - Manufacturing/Supply	0	0	1	0	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Cardiovascular disease	0	1
Dermatological disease	0	1
Immune disorder	0	1

Trials by Phase

Phase	Ongoing	All
Phase 2	0	1
Phase 1	0	3

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

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PATENTS *

Indication	As Owner	As Third Party	Total
Cardiovascular disease	49	1	50
Endocrine disease	37	0	37
Gastrointestinal disease	24	0	24
Genitourinary disease	20	0	20
Growth disorder	15	0	15
Hematological disease	7	0	7
Degeneration	21	0	21
Immune disorder	11	0	11
Psychiatric disorder	35	0	35
Musculoskeletal disease	10	0	10
Neoplasm	10	0	10
Ocular disease	39	1	40
Metabolic disorder	43	1	44
Neurological disease	40	1	41
Nutritional disorder	19	0	19
Respiratory disease	7	0	7
Infectious disease	6	0	6
Injury	5	0	5
Toxicity and intoxication	1	0	1
Inflammatory disease	11	0	11
Gynecology and obstetrics	5	0	5
Dermatological disease	11	0	11

* 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

VTP-34072

Drug Name	VTP-34072
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Boehringer Ingelheim Corp, Vitae Pharmaceuticals Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Non-insulin dependent diabetes, Metabolic syndrome X
Target-based Actions	11-Beta hydroxysteroid dehydrogenase 1 inhibitor
Other Actions	Hypoglycemic agent
Technologies	Oral formulation, Small molecule therapeutic
Last Change Date	09-Jul-2014

VTP-27999

Drug Name	VTP-27999
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Vitae Pharmaceuticals Inc
Inactive Companies	GlaxoSmithKline plc
Highest Status	Phase 1 Clinical
Active Indications	Hypertension
Target-based Actions	Renin inhibitor
Other Actions	Antihypertensive
Technologies	Oral formulation, Small molecule therapeutic
Last Change Date	30-May-2014

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VTP-37948

Drug Name	VTP-37948
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Boehringer Ingelheim Corp, Vitae Pharmaceuticals Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Alzheimers disease
Target-based Actions	Beta secretase 1 inhibitor
Other Actions	Neuroprotectant, Nootropic agent
Technologies	Oral formulation, Small molecule therapeutic
Last Change Date	09-Jul-2014

VTP-43742

Drug Name	VTP-43742
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Vitae Pharmaceuticals Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Autoimmune disease
Target-based Actions	Retinoic acid receptor gamma antagonist
Other Actions	Immunomodulator
Technologies	Small molecule therapeutic
Last Change Date	09-Jul-2014

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VTP-38443

Drug Name	VTP-38443
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Vitae Pharmaceuticals Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Atherosclerosis
Target-based Actions	Liver X receptor beta agonist
Other Actions	Antiarteriosclerotic
Technologies	Small molecule therapeutic
Last Change Date	09-Jul-2014

VTP-38543

Drug Name	VTP-38543
Key Synonyms	
Originator Company	Vitae Pharmaceuticals Inc
Active Companies	Vitae Pharmaceuticals Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Dermatological disease
Target-based Actions	Liver X receptor modulator
Other Actions	Dermatological agent
Technologies	Small molecule therapeutic
Last Change Date	09-Jul-2014

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