

Stemline Therapeutics Inc

COMPANY AND PIPELINE OVERVIEW REPORT

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	Stemline Therapeutics Inc
Parent Company Name	Stemline Therapeutics Inc
Website	http://www.stemline.com/
Country	US
Number of Drugs in Active Development	13
Number of Inactive Drugs	2
Number of Patents as Owner	5
Number of Patents as Third Party	0
Number of Deals	4
Key Indications	Cancer,Solid tumor,Acute myelogenous leukemia,Bladder tumor,Chronic myelocytic leukemia,Glioma,Hematological neoplasm,Myelodysplastic syndrome,Myeloid leukemia
Key Target-based Actions	IL-3 receptor modulator,CDw123 modulator,Frizzled receptor modulator,Glypican-3 modulator,Notch receptor modulator,Prominin 1 modulator,Smoothened receptor modulator,Tie 1 tyrosine kinase receptor modulator,CDw123 antagonist
Key Technologies	Biological therapeutic,Parenteral formulation unspecified,Monoclonal antibody,Small molecule therapeutic,Monoclonal antibody conjugated,ELISA,Imaging,Stem cell therapy,Analytical method,Antibody conjugated,Drug screening,Fluorescence,Immunodetection,Immunofluorescence,PCR based

COMPANY PROFILE

SUMMARY

Stemline Therapeutics Inc is a clinical stage biotechnology company that develops oncology compounds directed at cancer stem cell targets.

FINANCIAL

In April 2012, the company had filed a registration statement with the SEC for a proposed IPO of its common stock.

In April 2008, Stemline raised \$12.5 million from a financing round.

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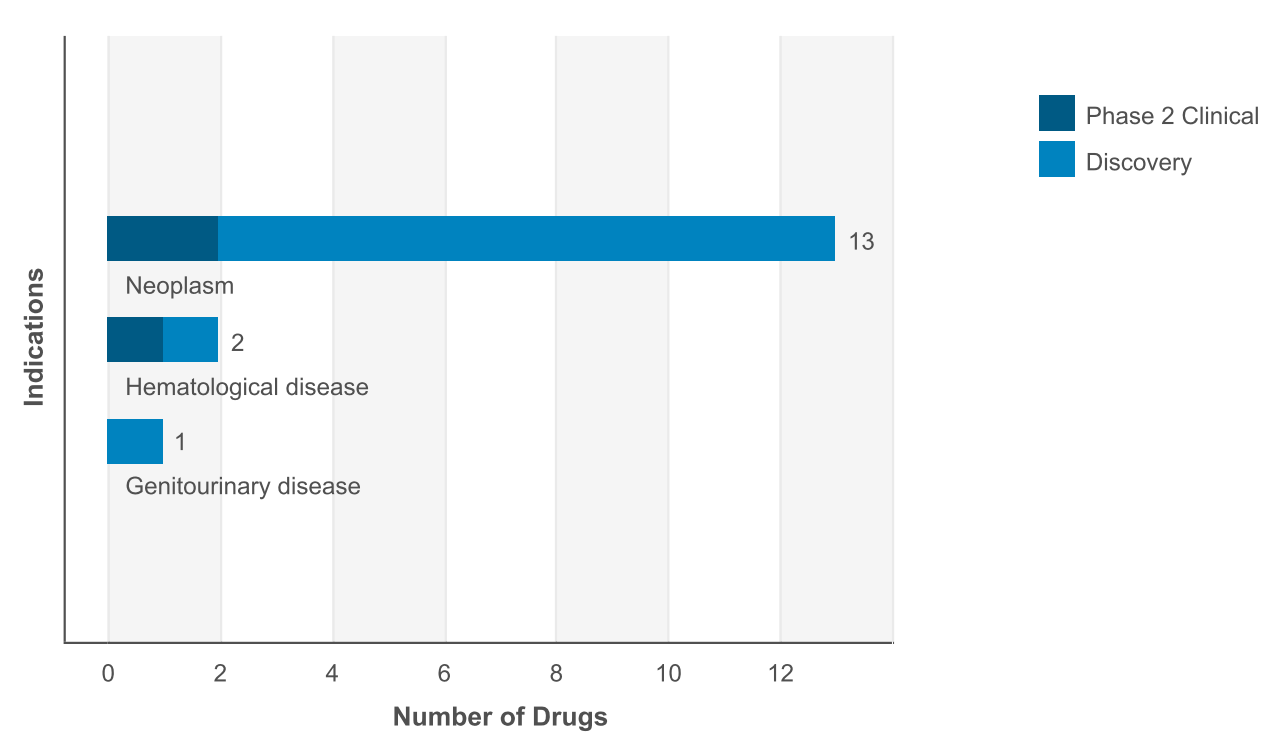


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



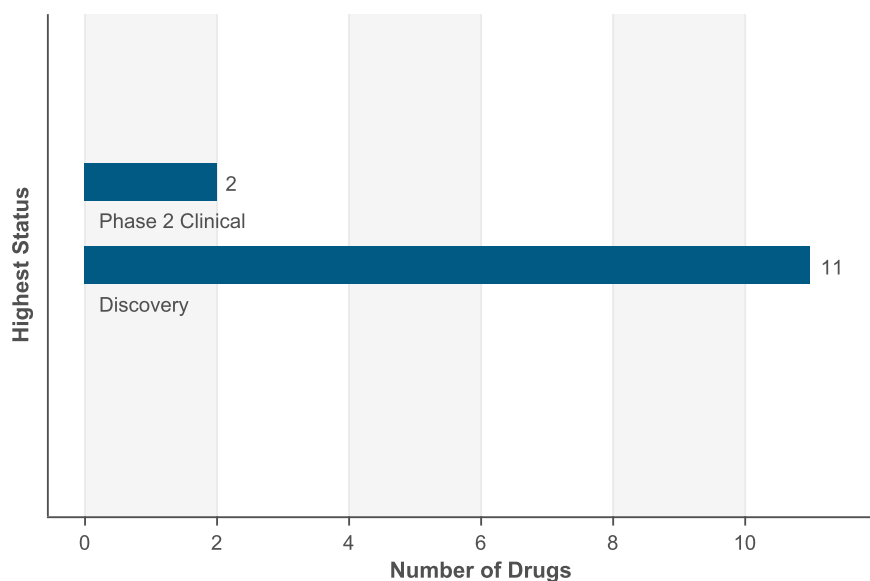
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	13	2	15
Hematological disease	2	2	4
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	2
Discovery	11
No Development Reported	2

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Early Research/Development	0	0	1	0	1
Drug - Development/Commercialization License	0	0	1	0	1
Drug - Development Services	0	0	1	0	1
Technology - Target Validation	0	0	1	0	1

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CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	0	3
Hematological disease	0	1

Trials by Phase

Phase	Ongoing	All
Phase 1	0	2
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
Neoplasm	5	0	5
Hematological disease	1	0	1

* 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

SL-401

Drug Name	SL-401
Key Synonyms	
Originator Company	Duke University
Active Companies	Stemline Therapeutics Inc
Inactive Companies	Duke University
Highest Status	Phase 2 Clinical
Active Indications	Chronic myelocytic leukemia, Acute myelogenous leukemia, Myelodysplastic syndrome, Cancer
Target-based Actions	CDw123 modulator
Other Actions	Immunotoxin, Anticancer
Technologies	Systemic formulation unspecified, Biological therapeutic, Small molecule therapeutic
Last Change Date	03-Jan-2013

SL-701

Drug Name	SL-701
Key Synonyms	
Originator Company	University of Pittsburgh
Active Companies	Stemline Therapeutics Inc
Inactive Companies	University of Pittsburgh
Highest Status	Phase 2 Clinical
Active Indications	Glioma
Target-based Actions	
Other Actions	Anticancer, Therapeutic vaccine
Technologies	Systemic formulation unspecified, Biological therapeutic, Peptide, Adult stem cell therapy
Last Change Date	18-Sep-2012

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SL-101

Drug Name	SL-101
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Hematological neoplasm
Target-based Actions	CDw123 modulator, IL-3 receptor modulator
Other Actions	Anticancer monoclonal antibody
Technologies	Monoclonal antibody conjugated, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	10-Dec-2012

SL-301

Drug Name	SL-301
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Solid tumor
Target-based Actions	Notch receptor modulator
Other Actions	Anticancer
Technologies	Small molecule therapeutic
Last Change Date	10-Mar-2011

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SL-201

Drug Name	SL-201
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Anticancer, Unspecified drug target
Technologies	Small molecule therapeutic
Last Change Date	10-Mar-2011

SL-601

Drug Name	SL-601
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Bladder tumor
Target-based Actions	
Other Actions	Unspecified drug target, Anticancer antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	10-Mar-2011

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mAb based glypican-3 modulators (cancer), Stemline Therapeutics

Drug Name	mAb based glypican-3 modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Glypican-3 modulator
Other Actions	Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	18-Sep-2012

mAb based Tie-1 modulators (cancer), Stemline Therapeutics

Drug Name	mAb based Tie-1 modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Tie 1 tyrosine kinase receptor modulator
Other Actions	Anticancer protein kinase inhibitor, Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	16-Mar-2011

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mAb based CD-133 modulators (cancer), Stemline Therapeutics

Drug Name	mAb based CD-133 modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Prominin 1 modulator
Other Actions	Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	15-Mar-2011

small molecule therapeutics (cancer), Stemline Therapeutics

Drug Name	small molecule therapeutics (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Anticancer, Stem cell inhibitor
Technologies	Small molecule therapeutic
Last Change Date	18-Sep-2012

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mAb based frz receptor modulators (cancer), Stemline Therapeutics

Drug Name	mAb based frz receptor modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Frizzled receptor modulator
Other Actions	Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	18-Sep-2012

mAb based Smo modulators (cancer), Stemline Therapeutics

Drug Name	mAb based Smo modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Smoothened receptor modulator
Other Actions	Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	16-Mar-2011

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mAb based Ptc modulators (cancer), Stemline Therapeutics

Drug Name	mAb based Ptc modulators (cancer), Stemline Therapeutics
Key Synonyms	
Originator Company	Stemline Therapeutics Inc
Active Companies	Stemline Therapeutics Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Unspecified drug target, Anticancer monoclonal antibody
Technologies	Monoclonal antibody, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	16-Mar-2011

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