

## **Stemline 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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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# 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,Acute myelogenous leukemia,Bladder tumor,Chronic myelocytic leukemia,Glioma,Hematological neoplasm,Myelodysplastic syndrome,Neoplasm,Solid tumor,Myeloid leukemia
Key Target-based Actions	IL-3 receptor modulator,CDw123 modulator,Frizzled receptor modulator,Glypican-3 modulator,Notch receptor modulator,Prominin 1 modulator,Smoothed 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,Antibody conjugated,Imaging

## COMPANY PROFILE

### SUMMARY

Stemline Therapeutics Inc is a clinical stage biopharmaceutical company that develops oncology compounds directed at cancer stem cell targets and tumor bulks.

### FINANCIAL

In January 2013, the company was to raise gross proceeds of \$33,176,440, through an IPO of 3,317,644 shares of common stock priced at \$10 each. Underwriters were granted a 45-day option to purchase additional shares up to 497,647 shares of common stock to cover over-allotments. The offering was expected to close on January 31, 2013. At that time, shares were expected to be traded on the NASDAQ market on January 29, 2013. In January 2013, underwriters exercised in full their over-allotment option increasing gross proceeds from the offering to \$38,152,910; later that month, the offering was closed. Later in January 2013, the company began trading on the NASDAQ stock market.

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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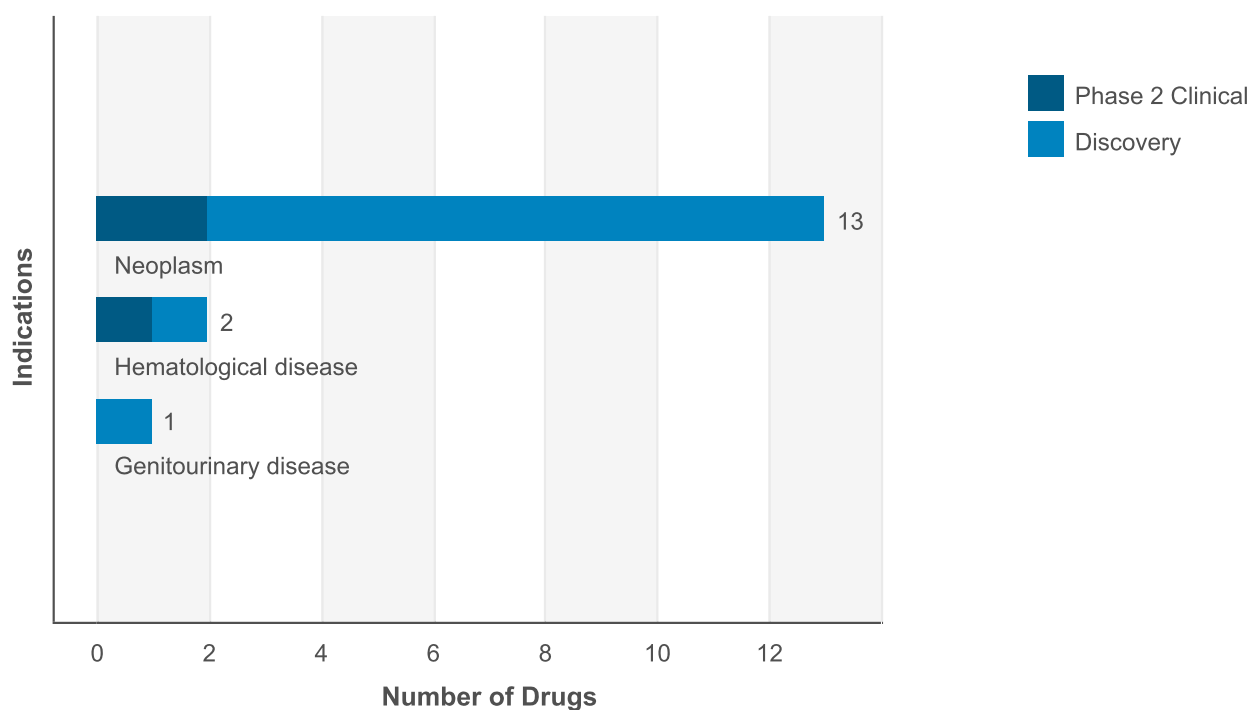


## PRODUCT PORTFOLIO SUMMARY

### DRUGS

#### Drugs by Indication

Active Drugs by Indication Chart



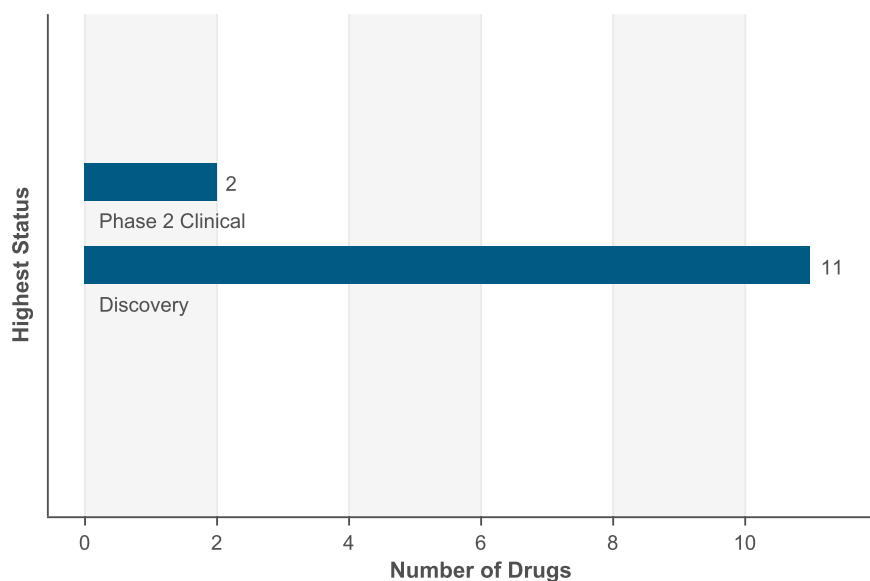
Drugs by Indication Table

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	
Technology - Target Validation	0	0	1	0	1
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

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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
Hematological disease	1	0	1
Neoplasm	5	0	5

\* 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

<b>Drug Name</b>	SL-401
<b>Key Synonyms</b>	
<b>Originator Company</b>	Duke University
<b>Active Companies</b>	Stemline Therapeutics Inc
<b>Inactive Companies</b>	Duke University
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Chronic myelocytic leukemia, Acute myelogenous leukemia, Myelodysplastic syndrome, Neoplasm, Cancer
<b>Target-based Actions</b>	CDw123 modulator
<b>Other Actions</b>	Immunotoxin, Anticancer
<b>Technologies</b>	Systemic formulation unspecified, Biological therapeutic, Small molecule therapeutic
<b>Last Change Date</b>	09-Apr-2013

### SL-701

<b>Drug Name</b>	SL-701
<b>Key Synonyms</b>	
<b>Originator Company</b>	University of Pittsburgh
<b>Active Companies</b>	Stemline Therapeutics Inc
<b>Inactive Companies</b>	University of Pittsburgh
<b>Highest Status</b>	Phase 2 Clinical
<b>Active Indications</b>	Glioma
<b>Target-based Actions</b>	
<b>Other Actions</b>	Anticancer, Therapeutic vaccine
<b>Technologies</b>	Systemic formulation unspecified, Biological therapeutic, Peptide, Adult stem cell therapy
<b>Last Change Date</b>	08-Jan-2013

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### SL-101

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

### SL-301

<b>Drug Name</b>	SL-301
<b>Key Synonyms</b>	
<b>Originator Company</b>	Stemline Therapeutics Inc
<b>Active Companies</b>	Stemline Therapeutics Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Solid tumor
<b>Target-based Actions</b>	Notch receptor modulator
<b>Other Actions</b>	Anticancer
<b>Technologies</b>	Small molecule therapeutic
<b>Last Change Date</b>	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	Anticancer antibody, Unspecified drug target
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

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

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

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

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

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

### small molecule therapeutics (cancer), Stemline Therapeutics

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

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### mAb based frz receptor modulators (cancer), Stemline Therapeutics

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

### mAb based Smo modulators (cancer), Stemline Therapeutics

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

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### mAb based Ptc modulators (cancer), Stemline Therapeutics

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

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