

NewLink Genetics Corp

COMPANY AND PIPELINE OVERVIEW REPORT

A comprehensive 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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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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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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NewLink Genetics Corp

COMPANY OVERVIEW

Company Name	NewLink Genetics Corp
Parent Company Name	NewLink Genetics Corp
Website	http://www.linkp.com/
Country	US
Number of Drugs in Active Development	8
Number of Inactive Drugs	1
Number of Patents as Owner	8
Number of Patents as Third Party	0
Number of Deals	3
Key Indications	Cancer,Melanoma,Pancreas tumor,Breast tumor,Hormone refractory prostate cancer,Non-small-cell lung cancer,Solid tumor,Colon tumor,HIV infection,Hepatitis C virus infection
Key Target-based Actions	Galactosyltransferase modulator,Indoleamine-pyrrole-2,3-dioxygenase inhibitor
Key Technologies	Biological therapeutic,Cell therapy,Tumor antigen,Intradermal formulation,Parenteral formulation unspecified,Small molecule therapeutic,Oral formulation,Tablet formulation,Peptide,Tumor antigen therapeutic

COMPANY PROFILE

SUMMARY

NewLink Genetics Corp is a biopharmaceutical company focused on discovering, developing and commercializing immunotherapeutic products for the cancer treatment.

COMPANY LOCATION

In April 2010, NewLink moved to a new administrative and manufacturing facility at Iowa State University in Ames, IA.

FINANCIAL

In March 2012, the company secured a \$6 million loan from the Iowa Economic Development Authority.

By December 2011, the company had completed a Series E preferred private stock round and an initial public offering of \$43.4 million.

In November 2011, NewLink offered 6.2 million shares at \$7 each in an initial public offering. The underwriters were granted a 30-day over-allotment option to buy 930,000 shares. At that time, the company started trading on the NASDAQ Global Market under the symbol 'NLNK'.

In December 2010, NewLink filed a registration statement with the SEC for a proposed IPO.

In November 2009, the company closed a \$30 million Series C preferred financing round.

In July 2009, NewLink Genetics raised \$7.5 million from a series D financing round.

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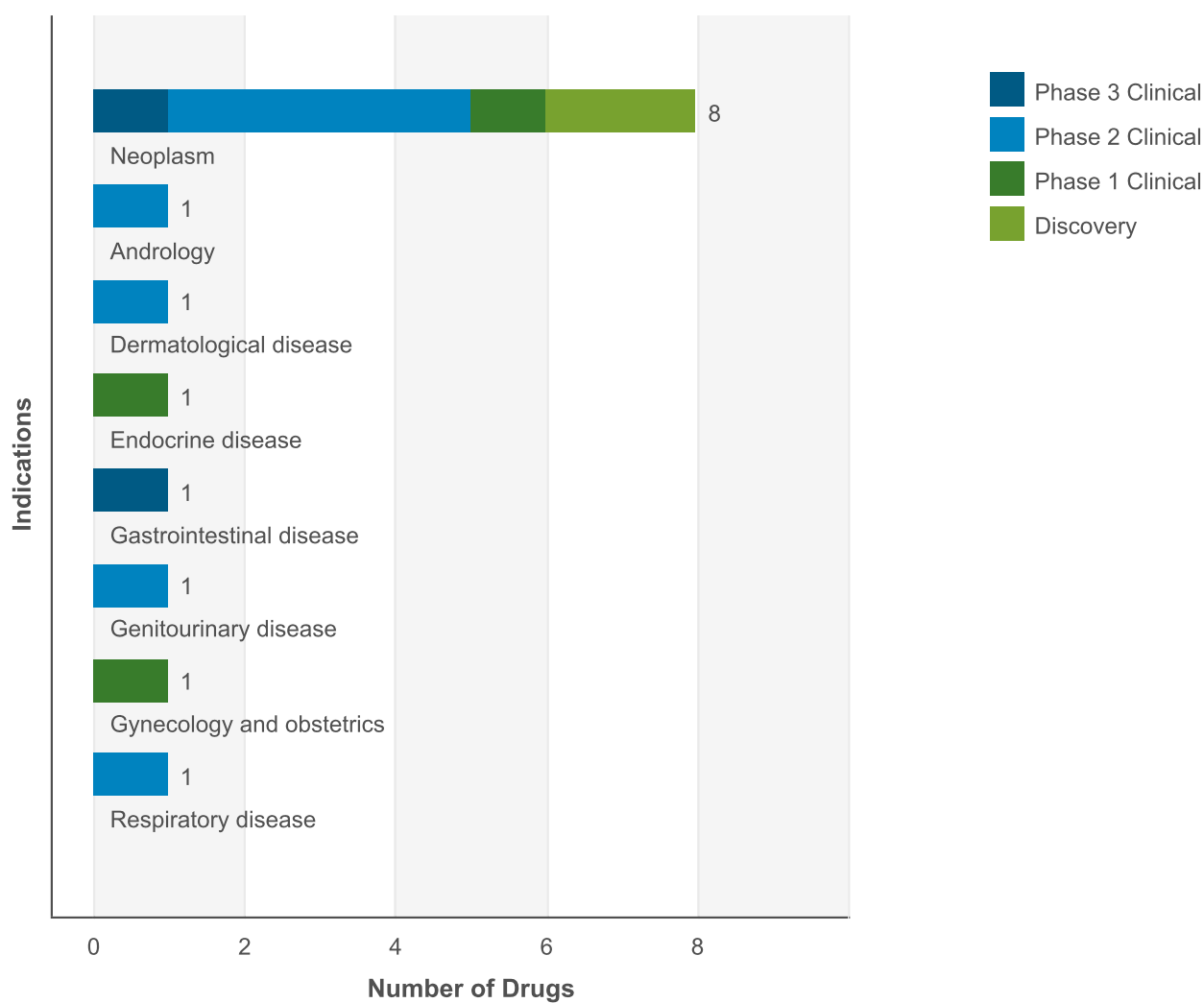


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



Drugs by Indication Table

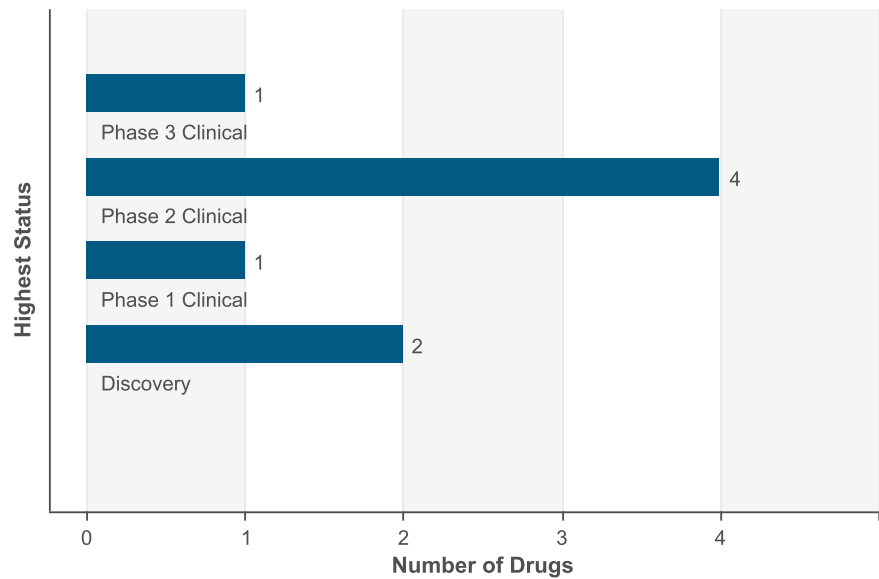
Indication	Active	Inactive	Total
Neoplasm	8	0	8
Respiratory disease	1	1	2
Gastrointestinal disease	1	0	1
Gynecology and obstetrics	1	0	1
Andrology	1	0	1

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Infectious disease	0	1	1
Genitourinary disease	1	0	1
Dermatological disease	1	0	1
Endocrine disease	1	0	1

Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 3 Clinical	1
Phase 2 Clinical	4
Phase 1 Clinical	1
Discovery	2
No Development Reported	1

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DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Patent - Exclusive Rights	0	0	1	0	1
Drug - CRADA	0	0	1	0	1
Drug - Development Services	0	0	1	0	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	1	10
Gastrointestinal disease	1	5
Dermatological disease	0	3
Endocrine disease	0	2
Respiratory disease	0	2
Gynecology and obstetrics	0	2
Andrology	0	1
Genitourinary disease	0	1

Trials by Phase

Phase	Ongoing	All
Phase 3	1	1
Phase 2	0	4
Phase 1	0	5

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
Immune disorder	4	0	4
Neoplasm	7	0	7
Ocular disease	1	0	1
Metabolic disorder	1	0	1
Neurological disease	2	0	2
Prophylaxis	1	0	1
Andrology	1	0	1
Endocrine disease	4	0	4
Genitourinary disease	2	0	2
Dermatological disease	5	0	5
Surgical procedure	1	0	1
Gastrointestinal disease	5	0	5
Hematological disease	1	0	1
Respiratory disease	4	0	4
Infectious disease	4	0	4
Inflammatory disease	2	0	2
Gynecology and obstetrics	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.

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PRODUCT PORTFOLIO DRUGS

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

algenpantucel-L

Drug Name	algenpantucel-L
Key Synonyms	algenpantucel-L
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 3 Clinical
Active Indications	Pancreas tumor
Target-based Actions	Galactosyltransferase modulator
Other Actions	Therapeutic vaccine, Anticancer, Adjuvant
Technologies	Tumor antigen, Cell therapy, Biological therapeutic, Intradermal formulation
Last Change Date	20-Jun-2012

HyperAcute vaccine (melanoma), Newlink Genetics

Drug Name	HyperAcute vaccine (melanoma), Newlink Genetics
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Melanoma
Target-based Actions	Galactosyltransferase modulator
Other Actions	Therapeutic vaccine, Anticancer
Technologies	Cell therapy, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	21-Jun-2012

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tergenpumatucl-L

Drug Name	tergenpumatucl-L
Key Synonyms	tergenpumatucl-L, HyperAcute-Lung
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Non-small-cell lung cancer
Target-based Actions	Galactosyltransferase modulator
Other Actions	Anticancer, Vaccine
Technologies	Tumor antigen, Cell therapy, Biological therapeutic, Intradermal formulation
Last Change Date	20-Jun-2012

HyperAcute vaccine (intradermal, prostate cancer), Newlink Genetics

Drug Name	HyperAcute vaccine (intradermal, prostate cancer), Newlink Genetics
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Hormone refractory prostate cancer
Target-based Actions	Galactosyltransferase modulator
Other Actions	Therapeutic vaccine, Anticancer
Technologies	Cell therapy, Biological therapeutic, Intradermal formulation
Last Change Date	02-Feb-2012

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1-methyltryptophan

Drug Name	1-methyltryptophan
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Solid tumor
Target-based Actions	Indoleamine-pyrrole-2,3-dioxygenase inhibitor
Other Actions	Anticancer, Immunostimulant
Technologies	Oral formulation, Tablet formulation, Small molecule therapeutic
Last Change Date	10-Jul-2012

HyperAcute vaccine (breast cancer), NewLink

Drug Name	HyperAcute vaccine (breast cancer), NewLink
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Breast tumor
Target-based Actions	Galactosyltransferase modulator
Other Actions	Therapeutic vaccine, Anticancer
Technologies	Tumor antigen, Cell therapy, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	19-Apr-2012

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HyperAcute immunotherapeutics (cancer), NewLink Genetics

Drug Name	HyperAcute immunotherapeutics (cancer), NewLink Genetics
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Galactosyltransferase modulator
Other Actions	Anticancer
Technologies	Tumor antigen, Cell therapy, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	02-Feb-2012

IDO pathway inhibitors (cancer), NewLink Genetics

Drug Name	IDO pathway inhibitors (cancer), NewLink Genetics
Key Synonyms	
Originator Company	NewLink Genetics Corp
Active Companies	NewLink Genetics Corp
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	Indoleamine-pyrrole-2,3-dioxygenase inhibitor
Other Actions	Immunostimulant, Anticancer
Technologies	Small molecule therapeutic
Last Change Date	02-Feb-2012

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