

## **BIND Biosciences Inc**

### **COMPANY AND PIPELINE OVERVIEW REPORT**

Coverage of the company and a summary of the drug pipeline portfolio.

Publication Date: 06-Jan-2013

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

## COMPANY OVERVIEW

Company Name	BIND Biosciences Inc
Parent Company Name	BIND Biosciences Inc
Website	<a href="http://www.bindbio.com/">http://www.bindbio.com/</a>
Country	US
Number of Drugs in Active Development	5
Number of Inactive Drugs	0
Number of Patents as Owner	12
Number of Patents as Third Party	0
Number of Deals	2
Key Indications	Cancer, Inflammatory disease, Cardiovascular disease, Prostate tumor, Breast tumor, Asthma, Crohns disease, Dermatitis, Inflammatory bowel disease, Lung tumor, Non-small-cell lung cancer, Osteoarthritis, Solid tumor, Ulcerative colitis
Key Target-based Actions	Glutamate carboxypeptidase II inhibitor, CD40 ligand, Epidermal growth factor ligand, Estrogen receptor agonist, GM-CSF ligand, Insulin-like growth factor ligand, Integrin alpha-V/beta-3 modulator, Interleukin-2 ligand, PDGF ligand, Somatostatin ligand, mTOR inhibitor
Key Technologies	Small molecule therapeutic, Nanoparticle formulation, Intravenous formulation, Nanoparticle formulation injectable, Controlled release formulation, Quick release formulation, PEGylated formulation, Suspension, Emulsion formulation, Formulation preservation

## COMPANY PROFILE

### SUMMARY

BIND Biosciences Inc, founded in 2006, is a biopharmaceutical company specializing in the development of therapeutic targeted nanoparticles.

### R&D GRANTS

In October 2007, the National Institutes of Standards and Technology awarded BIND a 3-year \$2 million grant to further develop a high-throughput platform for its targeted nanoparticle technology.

Also in October 2007, the NCI awarded BIND a 6-month, \$0.15 million Phase I SBIR grant to develop a targeted therapy for hormone refractory prostate cancer.

### FINANCIAL

In October 2011, BIND secured total proceeds of \$47.25 million through a \$22 million series D financing from RUSNANO and additional funding up to \$25.25 million from its investors.

In June 2010, the company secured \$12.4 million in a series C-1 financing.

In January 2010, the company secured \$11 million in a series C financing.

In November 2007, BIND was to raise \$16 million from a series B financing. The funding would be used to advance the company's preclinical pipeline to clinical trials.

### EARLY R&D

By December 2007, BIND had been focusing on nanoparticles-targeting therapeutic for cancer, cardiovascular diseases and inflammatory diseases; in June 2010, the company planned to advance its second product into clinical development in 2011.

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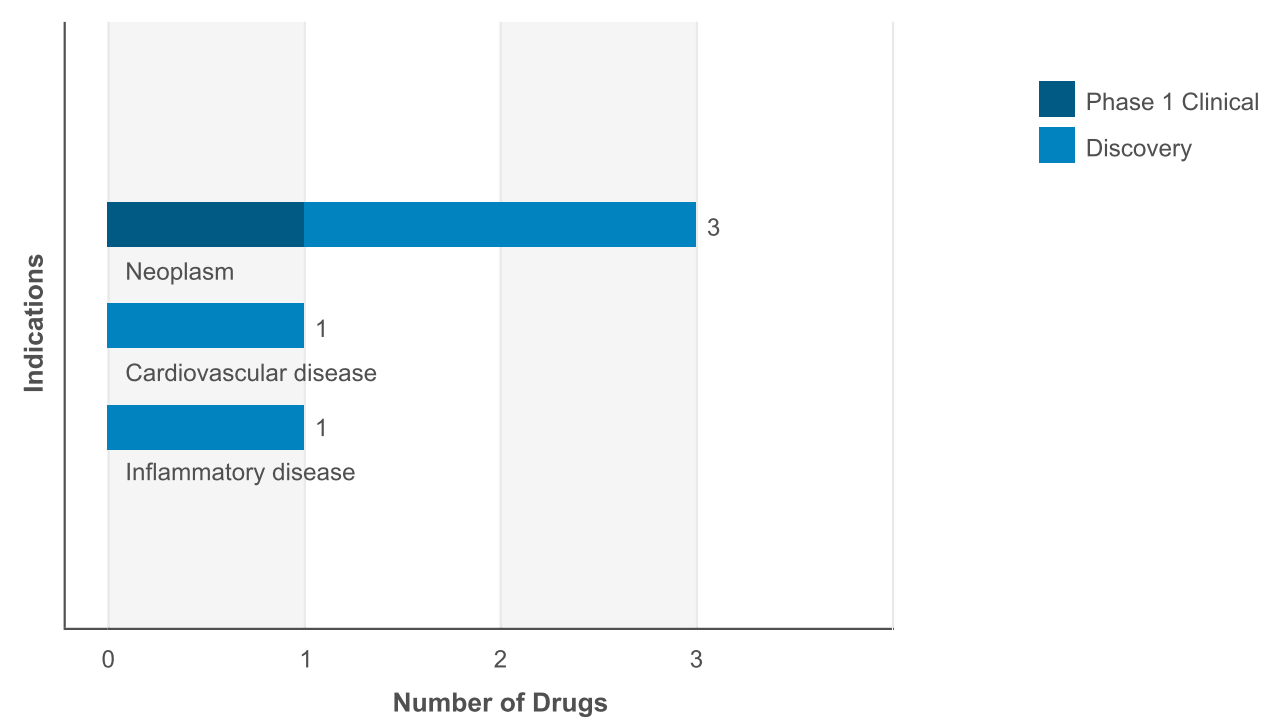


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



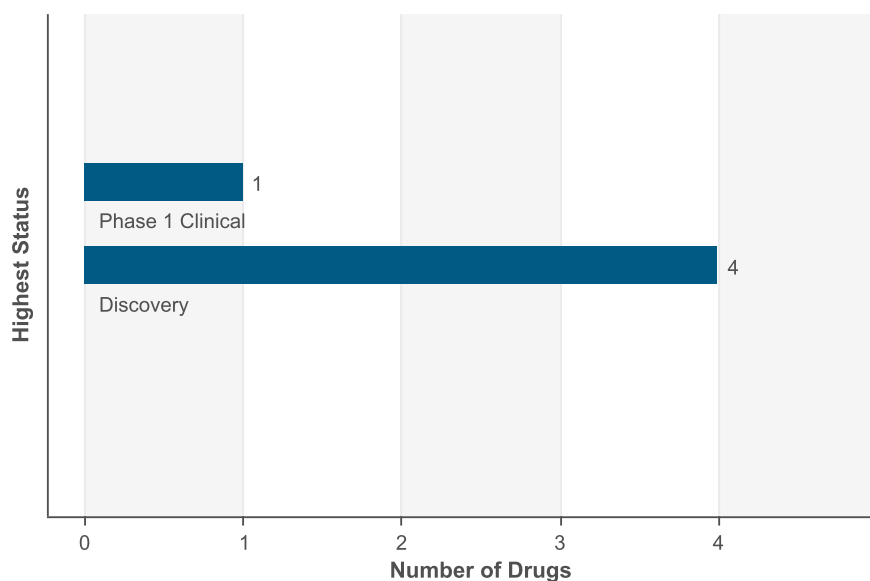
Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	3	0	3
Cardiovascular disease	1	0	1
Inflammatory 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 1 Clinical	1
Discovery	4

## DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Funding	2	0	0	0	2

## CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	0	1

Trials by Phase

Phase	Ongoing	All
Phase 1	0	1

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## 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
Immune disorder	2	0	2
Neoplasm	8	0	8
Neurological disease	3	0	3
Andrology	7	0	7
Cardiovascular disease	2	0	2
Endocrine disease	6	0	6
Genitourinary disease	7	0	7
Dermatological disease	2	0	2
Gastrointestinal disease	2	0	2
Hematological disease	2	0	2
Musculoskeletal disease	2	0	2
Respiratory disease	3	0	3
Infectious disease	1	0	1
Inflammatory disease	2	0	2
Gynecology and obstetrics	6	0	6

\* 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

### targeted docetaxel nanoparticle (solid tumors), BIND

<b>Drug Name</b>	targeted docetaxel nanoparticle (solid tumors), BIND
<b>Key Synonyms</b>	
<b>Originator Company</b>	BIND Biosciences Inc
<b>Active Companies</b>	BIND Biosciences Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Phase 1 Clinical
<b>Active Indications</b>	Cancer
<b>Target-based Actions</b>	Glutamate carboxypeptidase II inhibitor
<b>Other Actions</b>	Microtubule inhibitor, Cell cycle inhibitor, Anticancer
<b>Technologies</b>	Nanoparticle formulation injectable, Intravenous formulation, Small molecule therapeutic
<b>Last Change Date</b>	21-Sep-2012

### targeted nanoparticles (inflammatory disease), BIND

<b>Drug Name</b>	targeted nanoparticles (inflammatory disease), BIND
<b>Key Synonyms</b>	
<b>Originator Company</b>	BIND Biosciences Inc
<b>Active Companies</b>	BIND Biosciences Inc
<b>Inactive Companies</b>	
<b>Highest Status</b>	Discovery
<b>Active Indications</b>	Inflammatory disease
<b>Target-based Actions</b>	
<b>Other Actions</b>	Anti-inflammatory, Unspecified drug target
<b>Technologies</b>	Nanoparticle formulation, Small molecule therapeutic
<b>Last Change Date</b>	12-Sep-2012

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### targeted nanoparticles (cardiovascular disease), BIND

Drug Name	targeted nanoparticles (cardiovascular disease), BIND
Key Synonyms	
Originator Company	BIND Biosciences Inc
Active Companies	BIND Biosciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cardiovascular disease
Target-based Actions	
Other Actions	Unspecified drug target, Cardiovascular agent
Technologies	Nanoparticle formulation, Small molecule therapeutic
Last Change Date	11-Sep-2012

### chemotherapeutics (cancer), BIND Biosciences

Drug Name	chemotherapeutics (cancer), BIND Biosciences
Key Synonyms	
Originator Company	BIND Biosciences Inc
Active Companies	BIND Biosciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Anticancer
Technologies	Small molecule therapeutic
Last Change Date	13-Sep-2012

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molecularly-targeted therapeutics (cancer), BIND Biosciences

Drug Name	molecularly-targeted therapeutics (cancer), BIND Biosciences
Key Synonyms	
Originator Company	BIND Biosciences Inc
Active Companies	BIND Biosciences Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Cancer
Target-based Actions	
Other Actions	Anticancer
Technologies	Small molecule therapeutic
Last Change Date	13-Sep-2012

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