

GlobelImmune Inc

CORTELLIS COMPANY DETAILED PIPELINE REPORT

A comprehensive coverage of the the company's drug pipeline portfolio including detailed product records.

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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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

COMPANY OVERVIEW

Company Name	GlobelImmune Inc
Parent Company Name	GlobelImmune Inc
Website	http://www.globeimmune.com/
Country	US
Number of Drugs in Active Development	9
Number of Inactive Drugs	8
Number of Patents as Owner	16
Number of Patents as Third Party	1
Number of Deals	7
Key Indications	Hepatitis B virus infection, Hepatitis C virus infection, Hepatitis D virus infection, Non-small-cell lung cancer, Obesity, Pancreas tumor, Viral infection, Colorectal tumor, Fungal infection, HIV infection, Medullary thyroid
Key Target-based Actions	Mucin 1 stimulator, Hepatitis C virus NS3 protease modulator, Brachyury protein modulator, CD66e modulator, CD95 agonist, Epidermal growth factor receptor modulator, HIV GAG protein modulator, PARP inhibitor, Protease inhibitor, Ras GTPase modulator, SETX gene modulator
Key Technologies	Biological therapeutic, Yeast recombinant, Antigen presentation system, Parenteral formulation unspecified, Subcutaneous formulation, Tumor antigen therapeutic, Small molecule therapeutic, Viral core protein, Protein fusion, Drug combination

COMPANY PROFILE

SUMMARY

GlobelImmune Inc is a biopharmaceutical company which is engaged in the discovery, development and manufacturing of potent, targeted molecular immunotherapies, named Tarmogens, for the treatment of cancer and infectious diseases. Tarmogens are whole, heat-killed recombinant *Saccharomyces cerevisiae* yeast which has been genetically modified to express protein targets. They taken up by antigen presenting cells, and stimulate a cytotoxic T lymphocytes against cells expressing the desired target.

COMPANY LOCATION

In December 2005, GlobelImmune relocated its headquarters to Louisville, CO.

LICENSING AGREEMENTS

In May 2009, GlobelImmune granted exclusive license to all their oncology programs, including GI-4000 immunotherapies, to Celgene, for which GlobelImmune will receive a \$40 million upfront payment from Celgene. GlobelImmune will conduct the early development of the product candidates through certain pre-defined endpoints. Celgene will have the option to obtain an exclusive worldwide license to develop and commercialize these immunotherapy product candidates. GlobelImmune is eligible to receive over \$500 million in development and regulatory milestones, double-digit royalties and additional milestone payments based on net sales of the licensed product candidates.

In July 2008, GlobelImmune and the National Cancer Institute (NCI) at the National Institutes of Health (NIH) signed a CRADA to jointly develop Tarmogen based immunotherapy products for cancer. GlobelImmune would use its Tarmogen technology to develop the products which would express cancer antigens provided by the NIH. The NIH would conduct and fund preclinical and early clinical development of the product candidates. CEA (carcinoembryonic antigen) was the first cancer antigen to be evaluated in this collaboration.

In January 2005, GlobelImmune and MycoLogics Inc signed a non-exclusive research license and option agreement. MycoLogics was to undertake proof-of-concept preclinical tests of vaccines targeting aspergillosis, coccidioidomycosis, cryptococcosis leishmaniasis, discovered using GlobelImmune's Tarmogen technology. The research was supported by

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NIH SBIR and STTR awards.

FINANCIAL

In July 2012, the company filed a common stock IPO registration statement with the US Security and Exchange Commission. At that time, the company also filed for its common stock to be listed on the NASDAQ Global Market under the symbol "GBIM".

In January 2010, GlobelImmune raised \$17.5 million from a series E preferred stock financing round.

In September 2007, GlobelImmune closed a \$41.2 million series C preferred stock financing round.

In January 2006, GlobelImmune completed a second closing of its series B preferred stock financing, raising a further \$4.1 million in addition to the previous \$34.3 million. The Company would use the funds to finish a phase II trial of GI-4000 for pancreatic cancer, and a phase Ib trial of GI-5005 for chronic hepatitis C infection.

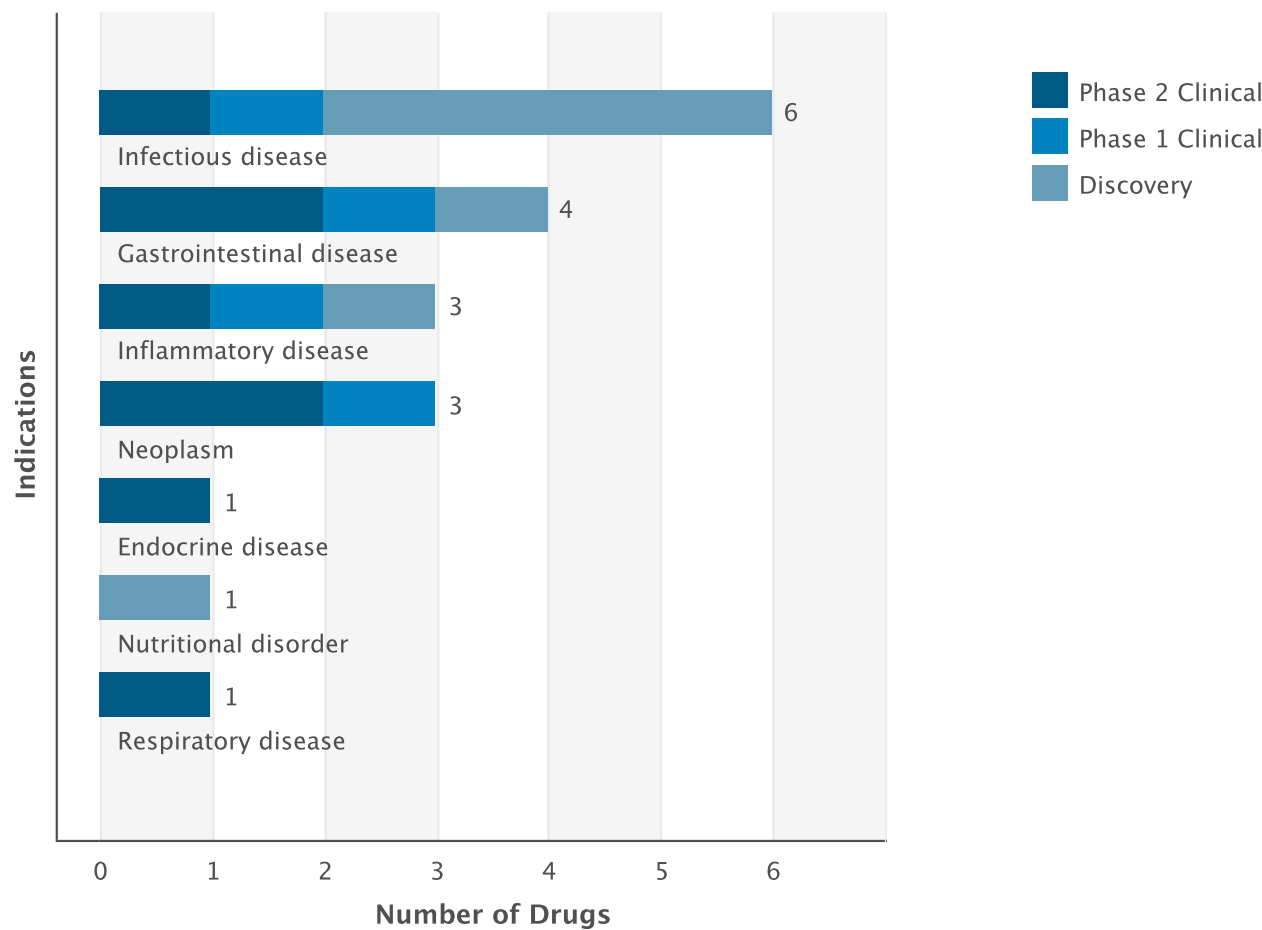
In June 2003, GlobelImmune closed a series A preferred venture financing round. The round provided for up to \$8 million in two tranches, with closure of the second tranche dependent on achievement of certain milestones.

PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



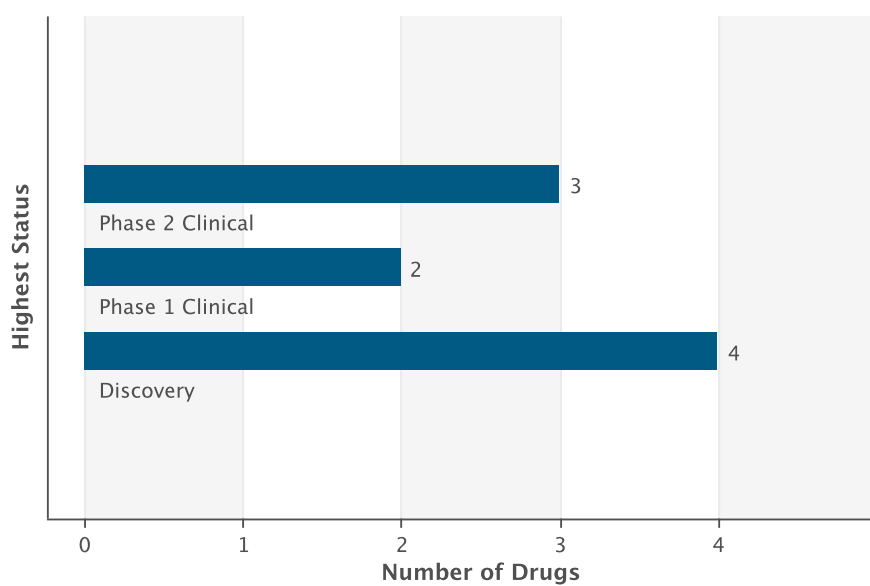
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Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	3	6	9
Infectious disease	6	2	8
Gastrointestinal disease	4	0	4
Inflammatory disease	3	0	3
Endocrine disease	1	2	3
Respiratory disease	1	2	3
Gynecology and obstetrics	0	2	2
Immune disorder	0	2	2
Dermatological disease	0	2	2
Nutritional disorder	1	0	1
Hematological disease	0	1	1
Neurological 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 2 Clinical	3
Phase 1 Clinical	2
Discovery	4
No Development Reported	8

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Discovery/Design	1	0	0	0	1
Drug - Funding	2	0	0	0	2
Drug - CRADA	1	0	0	0	1
Drug - Development/Commercialization License	1	0	0	0	1
Drug - Development Services	1	0	1	0	2

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Neoplasm	4	6
Gastrointestinal disease	2	5
Respiratory disease	0	2
Inflammatory disease	0	2
Infectious disease	0	2
Endocrine disease	1	1

Trials by Phase

Phase	Ongoing	All
Phase 2	3	5
Phase 1	2	4

Phase Definitions

Phase 3 Clinical

Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

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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
Endocrine disease	2	0	2
Gastrointestinal disease	7	0	7
Genitourinary disease	1	0	1
Andrology	1	0	1
Neoplasm	9	0	9
Neurological disease	1	0	1
Nutritional disorder	1	0	1
Prophylaxis	1	0	1
Respiratory disease	3	0	3
Infectious disease	13	0	13
Inflammatory disease	6	0	6
Gynecology and obstetrics	2	0	2
Dermatological 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 DRUG PIPELINE DETAIL

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

GI-5005

GI-5005 SNAPSHOT

Drug Name	GI-5005
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Hepatitis C virus infection
Target-based Actions	Hepatitis C virus NS3 protease modulator
Other Actions	Therapeutic vaccine;Recombinant fungal vector vaccine;Antiviral;Immunostimulant
Technologies	Antigen presentation system;Yeast recombinant;Subcutaneous formulation;Biological therapeutic
Last Change Date	30-Nov-2012

GI-5005 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is developing GI-5005, the lead from a Tarmogen-based fusion protein vaccine program that targets NS3 and core protein antigens of hepatitis C virus (HCV), for the potential sc treatment of chronic HCV infection. In December 2007, a phase II trial was initiated ; positive data were reported in April 2009. In September 2011, the trial was ongoing ; in November 2012, data were reported. In September 2012, the drug was listed as being in phase II development.

The company had been previously investigating the lead GI-5001 (HepaCVax) by December 2003. However, in March 2005, an IND was filed for GI-5005.

GI-5005 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Hepatitis C virus infection	US	Phase 2 Clinical	19-Dec-2007

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GI-5005 DRUG NAMES

Names	Type
GI-5001	Research Code
HepaCVax	
GI-5005	Research Code
NS3-Core fusion protein vaccine (Tarmogen, sc, hepatitis C infection), GlobelImmune	

GI-5005 CLINICAL TRIALS

Trials by Phase and Condition Studied

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Hepatitis C virus infection											
0	0	0	0	0	1	0	1	0	0	0	2

Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	0	1	0	1	0	0	0	2

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

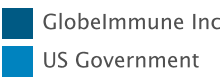
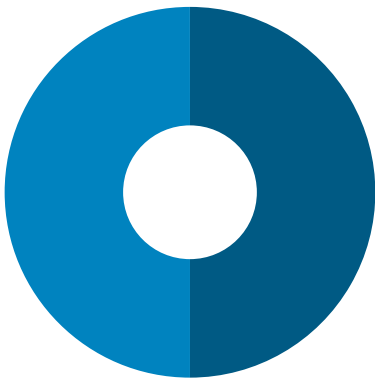
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

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GI-5005 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



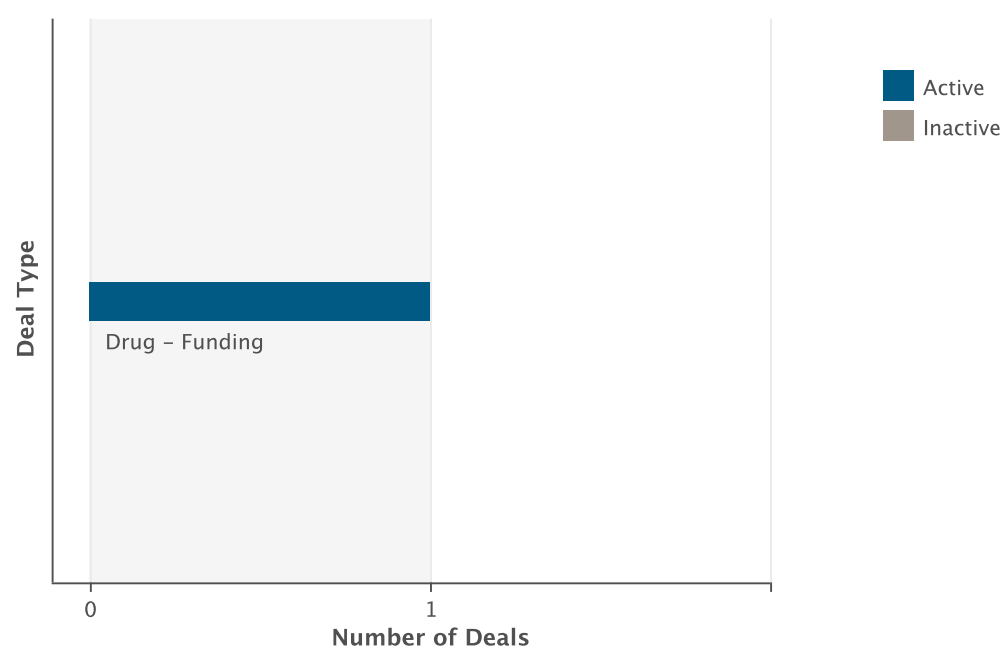
Active Deals
Total: 1

Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
US Government	0	0	1	0	1
GlobelImmune Inc	1	0	0	0	1

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Deals by Type Chart



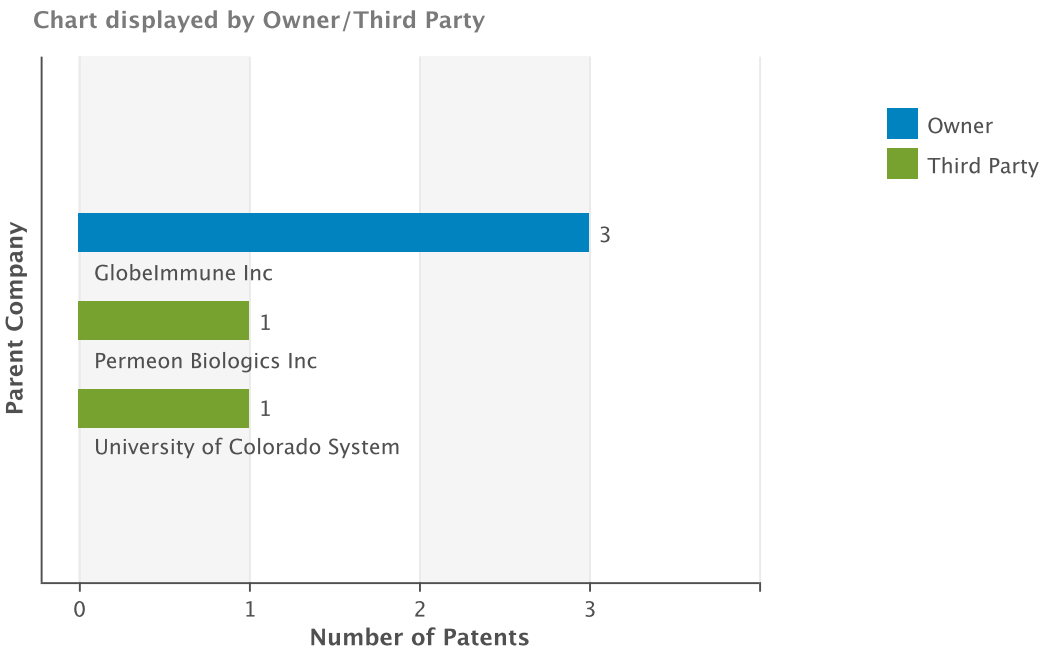
Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

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PATENTS

Patents by Parent Company Chart

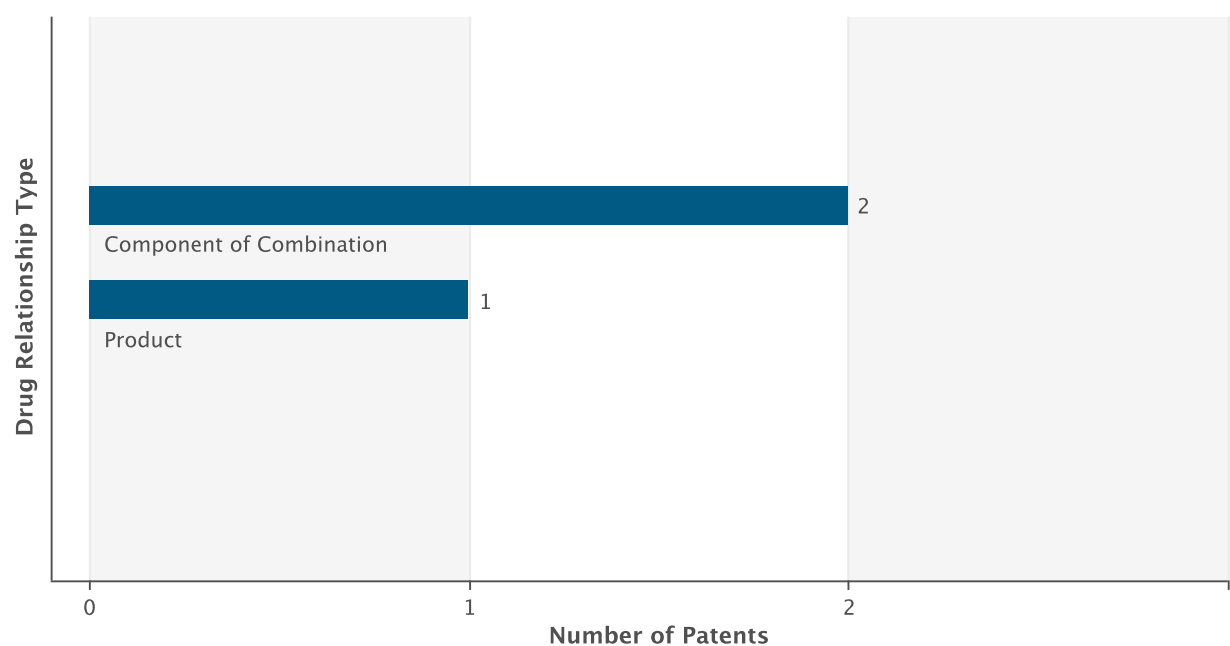


Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
GlobelImmune Inc	3	0	3
Permeon Biologics Inc	0	1	1
University of Colorado System	0	1	1

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Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
Component of Combination	2
Product	1

GI-4000

GI-4000 SNAPSHOT

Drug Name	GI-4000
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Non-small-cell lung cancer;Pancreas tumor;Colorectal tumor
Target-based Actions	Ras GTPase modulator
Other Actions	Therapeutic vaccine;Recombinant fungal vector vaccine;Anticancer
Technologies	Tumor antigen therapeutic;Biological therapeutic;Subcutaneous formulation;Yeast recombinant;Antigen presentation system
Last Change Date	20-Sep-2012

GI-4000 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune (formerly CERES) is developing GI-4000, the lead from a Tarmogen vaccine program based on inactivated *Saccharomyces cerevisiae* that deliver antigens correlating to five tumor-associated mutations in the Ras protein, for the potential sc treatment of cancer, including pancreatic cancer, non-small-cell lung cancer (NSCLC), colorectal cancer,. In June 2006, the company began a phase II trial of GI-4000 for pancreatic cancer ; in September 2011, the trial was expected to be completed in December 2014 ; in June 2012, data were presented. In September 2007, two additional phase II trials were planned ; in March 2008, a phase IIa NSCLC trial began ; in June 2011, data from the trial were reported. By April 2009, the vaccine was in phase II trials for colorectal cancer. In October 2011, a phase II trial in combination with bevacizumab was initiated in patients with colorectal cancer and was expected to be completed in October 2012; in February 2011, the trial was ongoing. In October 2007, the company was seeking to outlicense GI-4000. In May 2009, an exclusive license option to all GlobelImmune's oncology programs, including GI-4000, was granted to Celgene.

The company was previously investigating GI-4014, GI-4015, and GI-4016 from the same series; however, no further development was reported.

GI-4000 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Colorectal tumor	US	Phase 2 Clinical	16-Apr-2009
GlobelImmune Inc	Non-small-cell lung cancer	US	Phase 2 Clinical	19-Mar-2008

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Company	Indication	Country	Development Status	Date
Globelimmune Inc	Pancreas tumor	India	Phase 2 Clinical	09-Jun-2006
Globelimmune Inc	Pancreas tumor	US	Phase 2 Clinical	08-Jun-2006

GI-4000 DRUG NAMES

Names	Type
GI-4016	Research Code
CERES-Vax vaccine delivery system (cancer)	
GI-4015	Research Code
GI-4000 series (anticancer vaccine), Globelimmune	
GI-4000	Research Code
GI-4014	Research Code
vaccine delivery system (cancer), Globelimmune	
GI-4000 series (Ras), Globelimmune	
GI-4000 series (anticancer vaccine, Tarmogen), Globelimmune	

GI-4000 CLINICAL TRIALS

Trials by Phase and Condition Studied

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Pancreas tumor											
0	0	0	0	1	1	0	2	0	0	1	3
Non-small-cell lung cancer											
0	0	0	0	0	1	0	1	0	0	0	2
Metastatic colorectal cancer											
0	0	0	0	1	1	0	0	0	0	1	1
Colorectal tumor											
0	0	0	0	0	0	0	1	0	0	0	1

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Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	2	3	0	2	0	0	2	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)

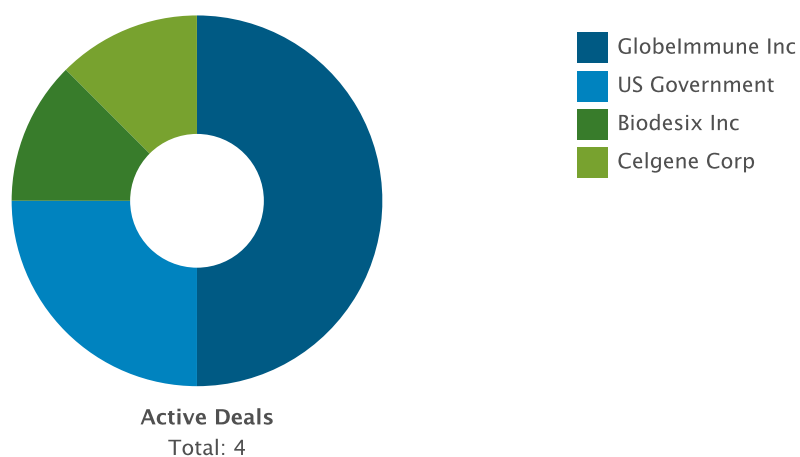
Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

GI-4000 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

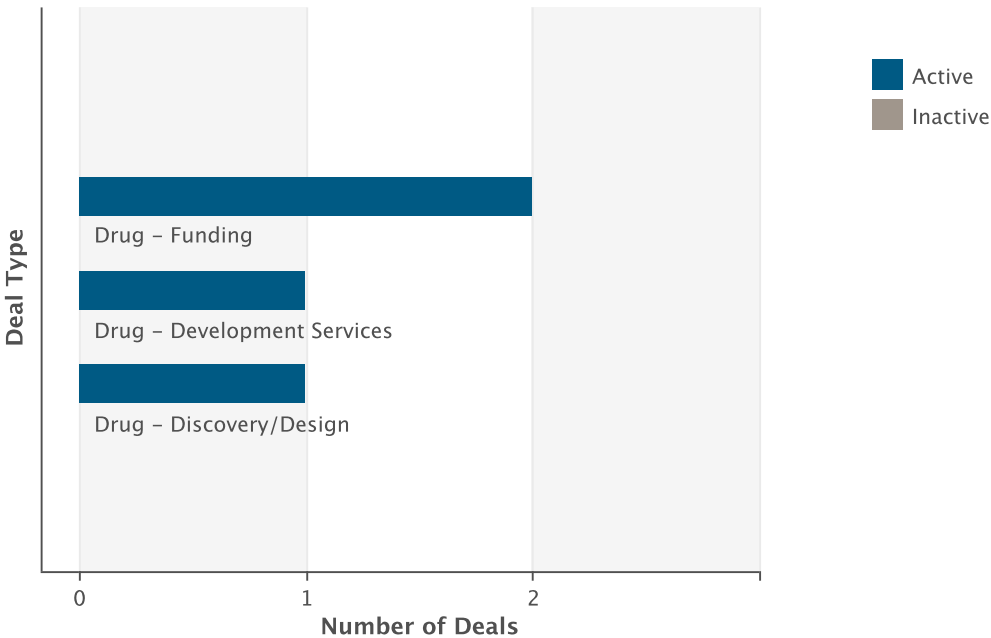


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Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Globelimmune Inc	3	0	1	0	4
US Government	0	0	2	0	2
Biodesix Inc	1	0	0	0	1
Celgene Corp	0	0	1	0	1

Deals by Type Chart



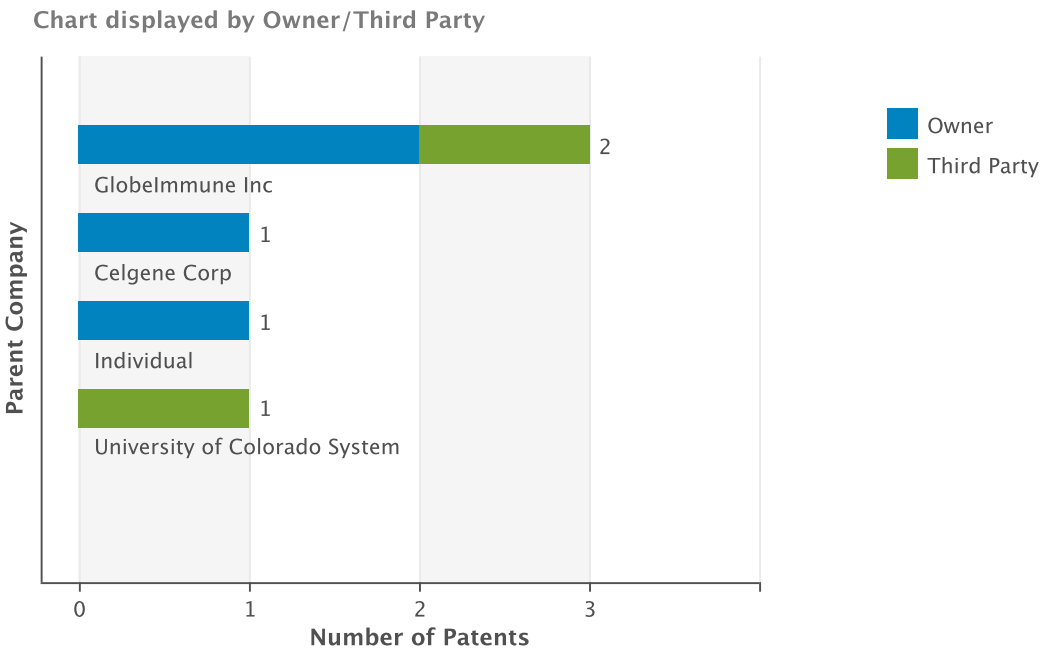
Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	2	0	2
Drug - Development Services	1	0	1
Drug - Discovery/Design	1	0	1

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PATENTS

Patents by Parent Company Chart

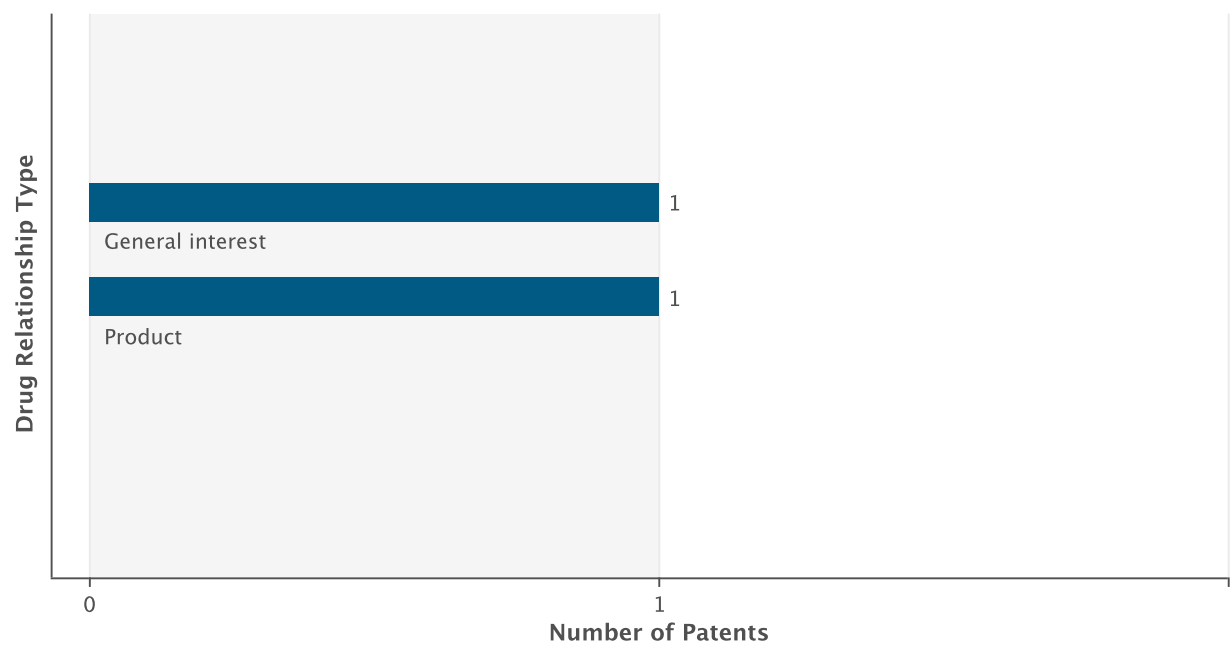


Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
GlobelImmune Inc	2	1	2
University of Colorado System	0	1	1
Individual	1	0	1
Celgene Corp	1	0	1

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Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
General interest	1
Product	1

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GI-6207

GI-6207 SNAPSHOT

Drug Name	GI-6207
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc;National Cancer Institute
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Medullary thyroid cancer
Target-based Actions	CD66e modulator
Other Actions	Therapeutic vaccine;Anticancer;Recombinant vector vaccine
Technologies	Yeast recombinant;Subcutaneous formulation;Biological therapeutic
Last Change Date	21-May-2013

GI-6207 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune and the NCI are developing GI-6207, a Tarmogen vaccine based on inactivated *Saccharomyces cerevisiae* genetically modified to express CEA, for the potential sc treatment of cancer,. In February 2013, a phase II trial for recurrent medullary thyroid cancer was initiated in the US.

GI-6207 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Medullary thyroid cancer	US	Phase 2 Clinical	28-Feb-2013
National Cancer Institute	Medullary thyroid cancer	US	Phase 2 Clinical	28-Feb-2013

GI-6207 DRUG NAMES

Names	Type
GI-6207	Research Code
CEA-expressing <i>Saccharomyces cerevisiae</i> -based cancer vaccine (Tarmogen), GlobelImmune/NCI	

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GI-6207 CLINICAL TRIALS

Trials by Phase and Condition Studied

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Medullary thyroid cancer											
0	0	0	0	1	1	0	0	0	0	1	1
Carcinoma											
0	0	0	0	0	0	0	1	0	0	0	1

Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	1	1	0	1	0	0	1	2

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

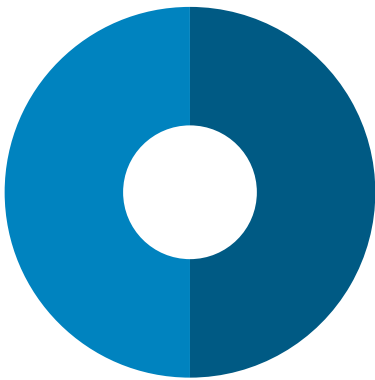
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

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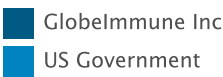
GI-6207 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



Active Deals
Total: 2

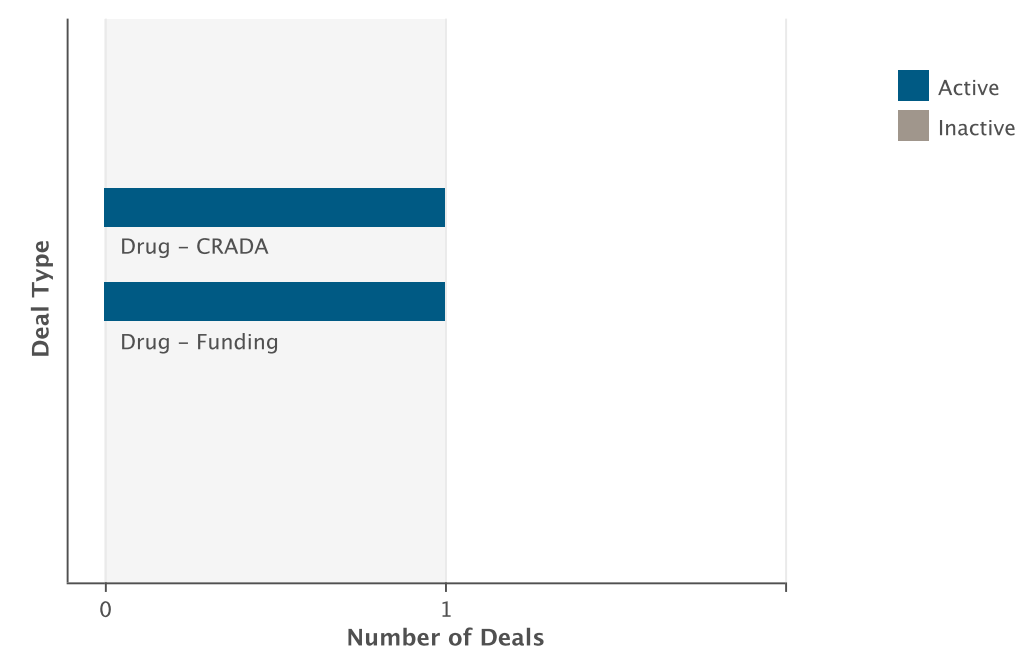


Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
US Government	0	0	2	0	2
GlobelImmune Inc	2	0	0	0	2

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Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - CRADA	1	0	1
Drug - Funding	1	0	1

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GI-13020

GI-13020 SNAPSHOT

Drug Name	GI-13020
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	Gilead Sciences Inc;GlobelImmune Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Hepatitis B virus infection
Target-based Actions	
Other Actions	Therapeutic vaccine;Antiviral;Immunostimulant;Recombinant fungal vector vaccine
Technologies	Antigen presentation system;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	20-May-2013

GI-13020 DEVELOPMENT PROFILE

SUMMARY

Gilead, under licence from GlobelImmune, is developing GI-13020, a Tarmogen vaccine which targets SPEX/SCORE antigen, from GI-13000 series, for the potential treatment of chronic HBV infection,. In December 2012, the company filed an IND; in January 2013, a phase Ia trial began and at that time, the study was expected to complete in October 2013. In September 2012, the company's strategy involved development of GI-13020 in combination with Viread.

GI-13020 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Hepatitis B virus infection	US	Phase 1 Clinical	28-Jan-2013
Gilead Sciences Inc	Hepatitis B virus infection	US	Discovery	25-Apr-2013

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GI-13020 DRUG NAMES

Names	Type
GI-13000	Research Code
Tarmogen vaccine (HBV infection), GlobelImmune	
GI-13020	Research Code

GI-13020 CLINICAL TRIALS

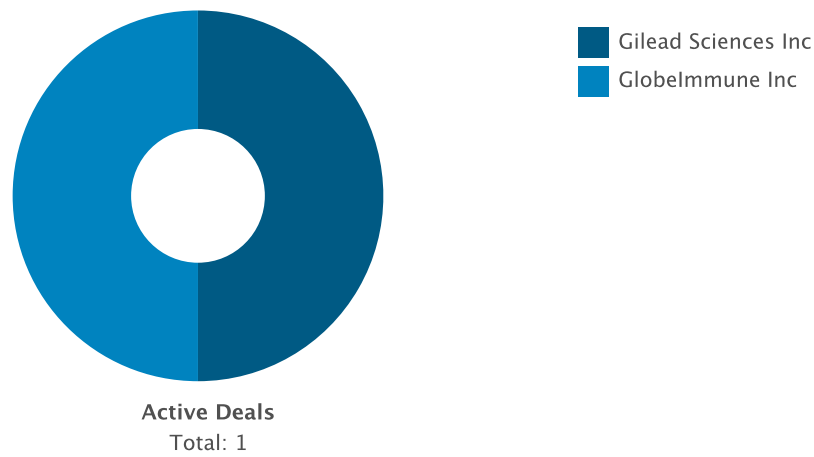
Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	0	0	1	1	0	0	1	1

GI-13020 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

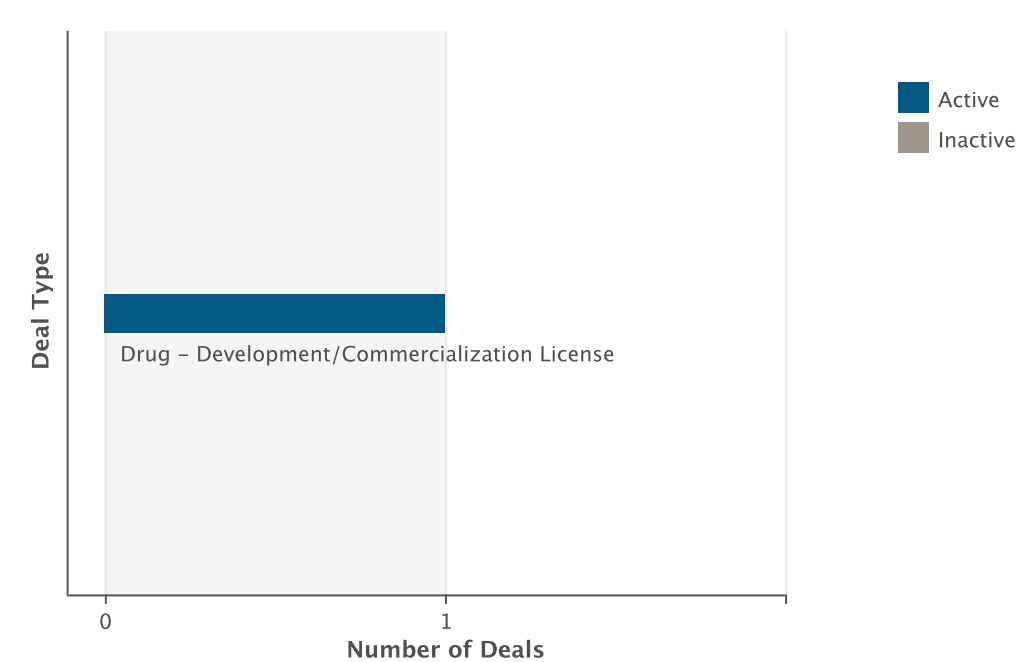


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Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
GlobelImmune Inc	1	0	0	0	1
Gilead Sciences Inc	0	0	1	0	1

Deals by Type Chart

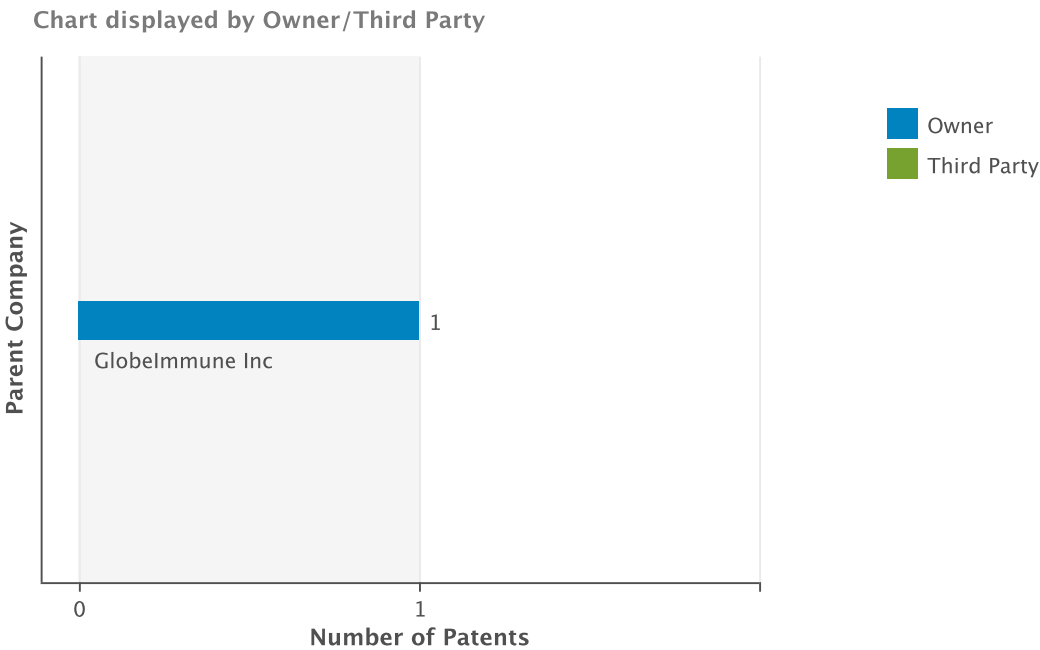


Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Development/Commercialization License	1	0	1

PATENTS

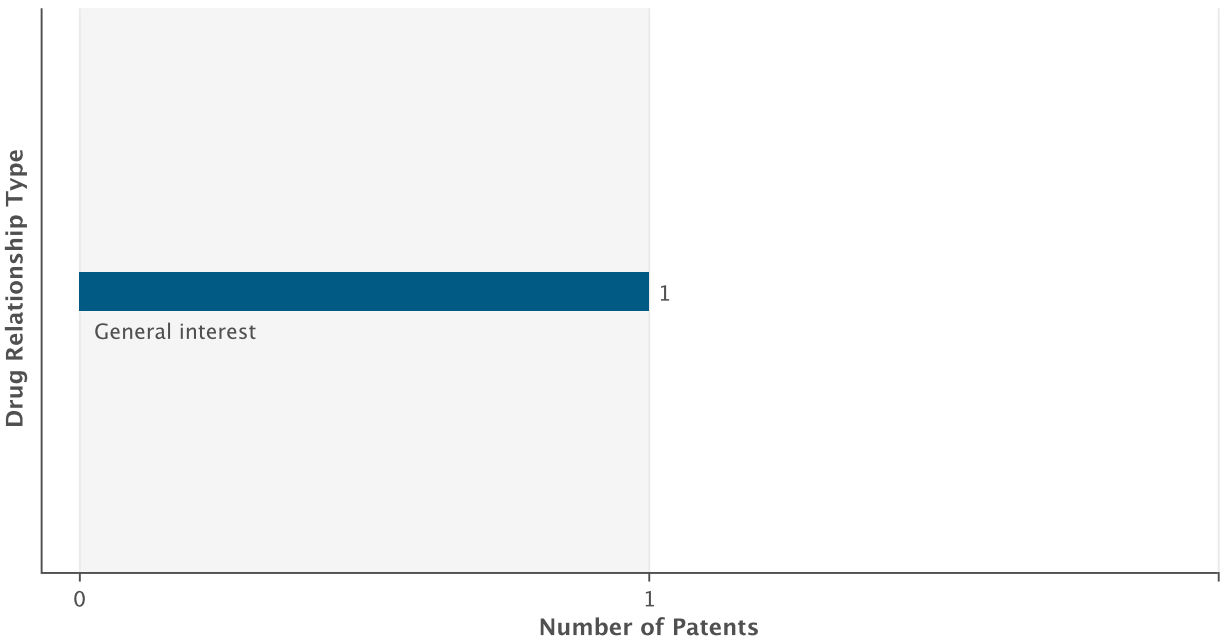
Patents by Parent Company Chart



Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
GlobelImmune Inc	1	0	1

Patents by Drug Relationship Type Chart



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Patents by Drug Relationship Type Table

Drug Relationship	Total
General interest	1

GI-6301

GI-6301 SNAPSHOT

Drug Name	GI-6301
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Solid tumor
Target-based Actions	Brachyury protein modulator
Other Actions	Therapeutic vaccine;Recombinant fungal vector vaccine;Anticancer;Immunostimulant
Technologies	Antigen presentation system;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	10-Feb-2012

GI-6301 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is developing GI-6301, a Tarmogen vaccine containing the brachyury antigen, for the potential treatment of cancer, including triple negative breast cancer. In January 2012, a phase I trial began.

GI-6301 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Solid tumor	US	Phase 1 Clinical	26-Jan-2012

GI-6301 DRUG NAMES

Names	Type
GI-6301	Research Code
Tarmogen vaccine (triple negative breast cancer), GlobelImmune	

GI-6301 CLINICAL TRIALS

Trials by Phase and Condition Studied

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Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Solid tumor											
0	0	0	0	0	0	1	1	0	0	1	1

Total Trials by Phase and Status

Phase 4 Clinical		Phase 3 Clinical		Phase 2 Clinical		Phase 1 Clinical		Phase Unspecified		Total	
On-going	All	On-going	All	On-going	All	On-going	All	On-going	All	On-going	All
Total by Phase and Status											
0	0	0	0	0	0	1	1	0	0	1	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

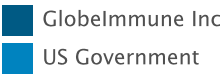
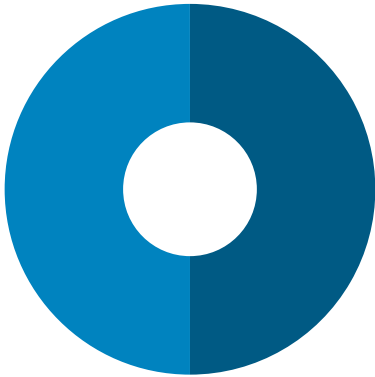
Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

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GI-6301 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart



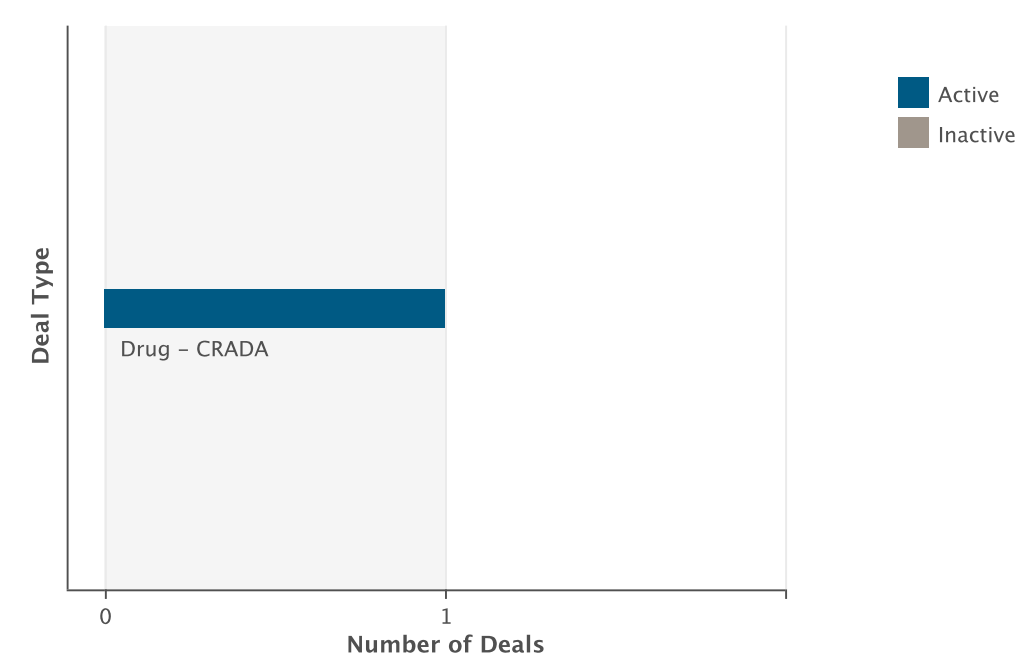
Active Deals
Total: 1

Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
GlobelImmune Inc	1	0	0	0	1
US Government	0	0	1	0	1

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Deals by Type Chart

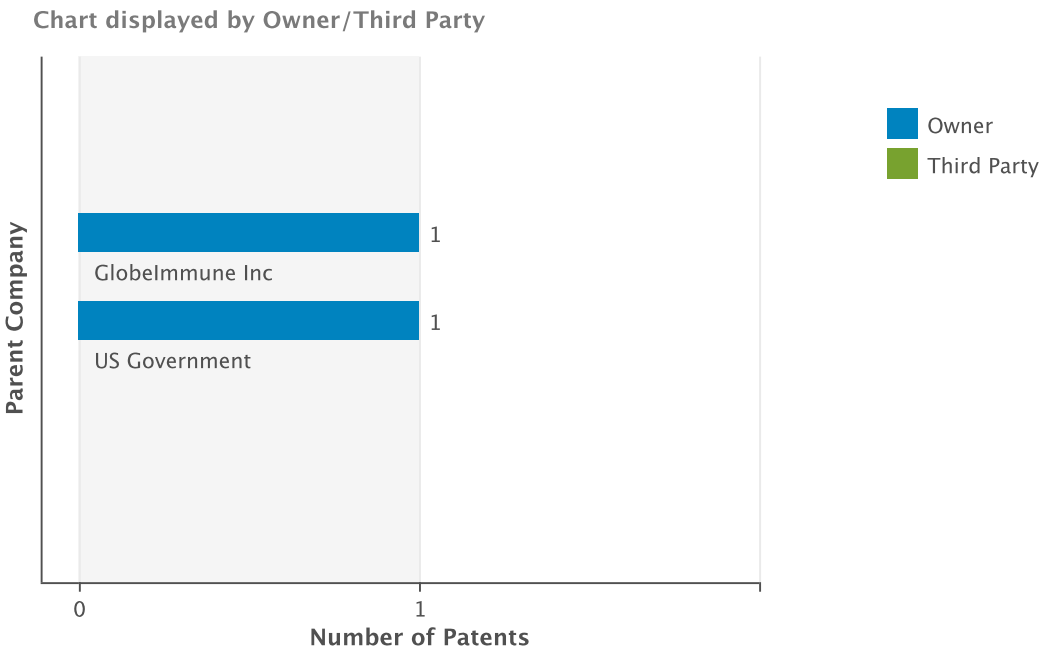


Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - CRADA	1	0	1

PATENTS

Patents by Parent Company Chart

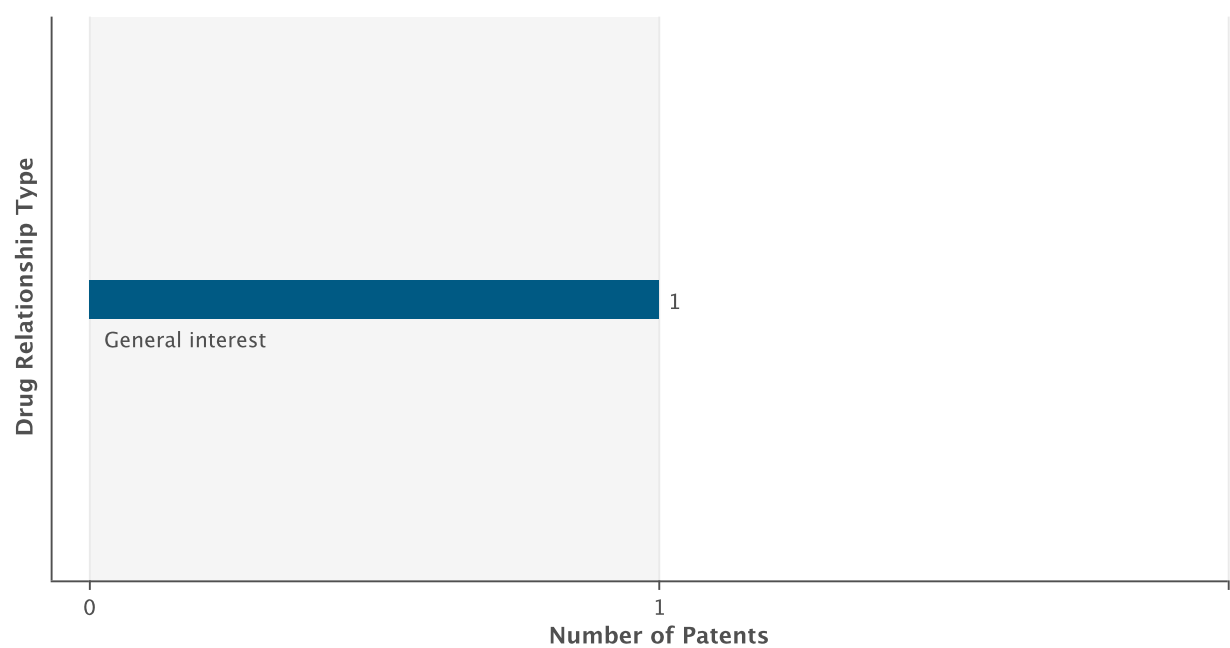


Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
GlobelImmune Inc	1	0	1
US Government	1	0	1

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Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
General interest	1

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GI-2010

GI-2010 SNAPSHOT

Drug Name	GI-2010
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	HIV infection
Target-based Actions	HIV GAG protein modulator
Other Actions	Immunostimulant;Antiviral;Recombinant fungal vector vaccine;Therapeutic vaccine
Technologies	Antigen presentation system;Viral core protein;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	20-Sep-2012

GI-2010 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is investigating GI-2010, a Tarmogen vaccine based on recombinant *Saccharomyces cerevisiae* genetically modified to express the gag protein of HIV, for the potential treatment of HIV infection . In September 2011, the vaccine was listed as being in preclinical development ; in September 2012, this was still the case.

The vaccine system, formerly termed the CERES-Vax vaccine delivery system, is also being investigated for carcinoma.

GI-2010 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	HIV infection	US	Discovery	14-Jun-2001

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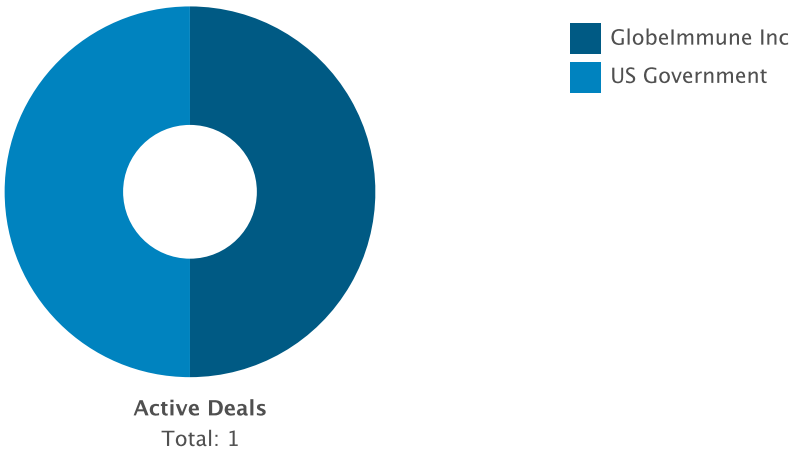
GI-2010 DRUG NAMES

Names	Type
GI-004	Research Code
vaccine delivery system (HIV), GlobelImmune	
HIVAX-2	
HIVAX-GS	
CERES-Vax vaccine delivery system (HIV)	
GI-2010	Research Code
HIV GAG protein modulator (HIV infection), GlobelImmune Inc	

GI-2010 DEALS AND PATENTS

DEALS

Deals by Parent Company Chart

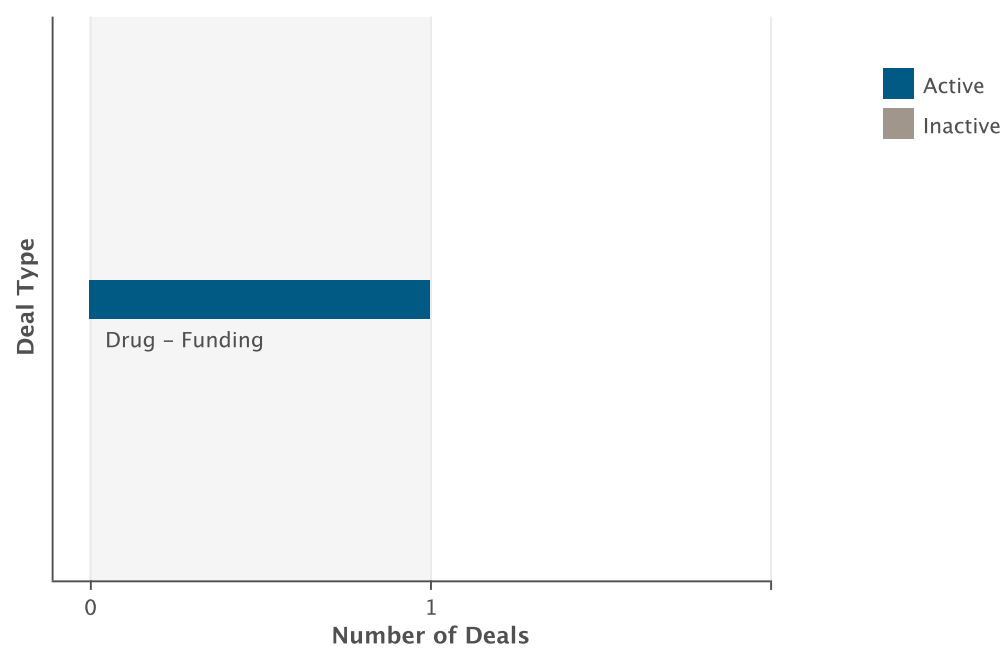


Deals by Parent Company Table

Company Name	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
GlobelImmune Inc	1	0	0	0	1
US Government	0	0	1	0	1

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Deals by Type Chart



Deals by Type Table

Deal Type	Active	Inactive	Total
Drug - Funding	1	0	1

GI-18000

GI-18000 SNAPSHOT

Drug Name	GI-18000
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Hepatitis D virus infection
Target-based Actions	
Other Actions	Anti-inflammatory;Antiviral;Unspecified drug target
Technologies	Antigen presentation system;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	24-Sep-2012

GI-18000 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is investigating GI-18000, based on company's Tarmogen platform, for the potential treatment of Hepatitis D viral infection. In September 2012, the drug was listed as being in preclinical development.

GI-18000 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Hepatitis D virus infection	US	Discovery	18-Sep-2012

GI-18000 DRUG NAMES

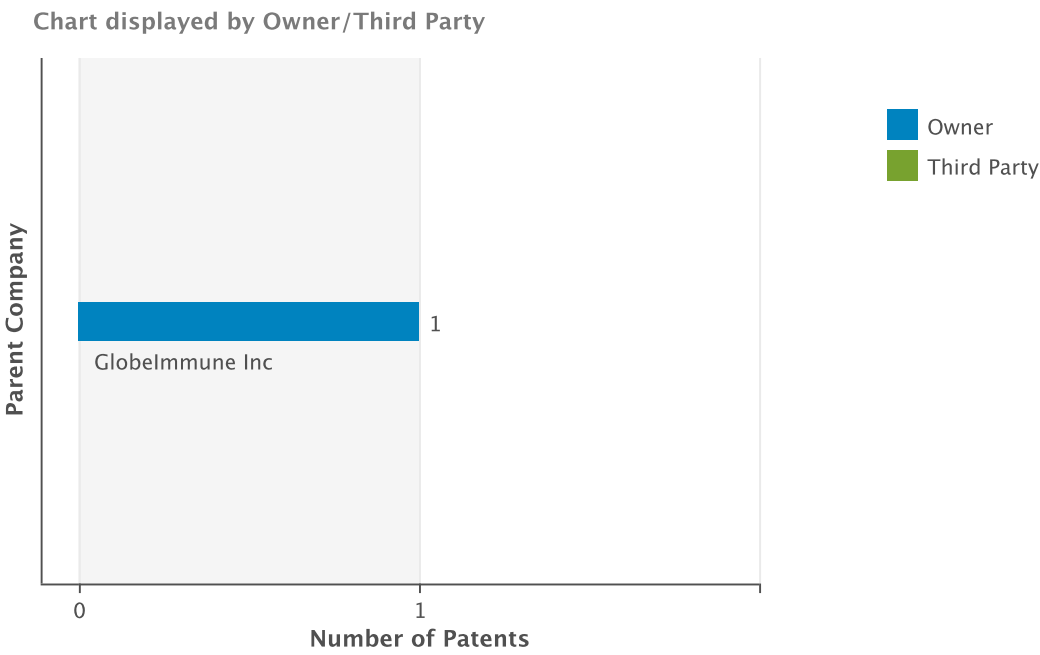
Names	Type
GI-18000	Research Code

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PATENTS

Patents by Parent Company Chart

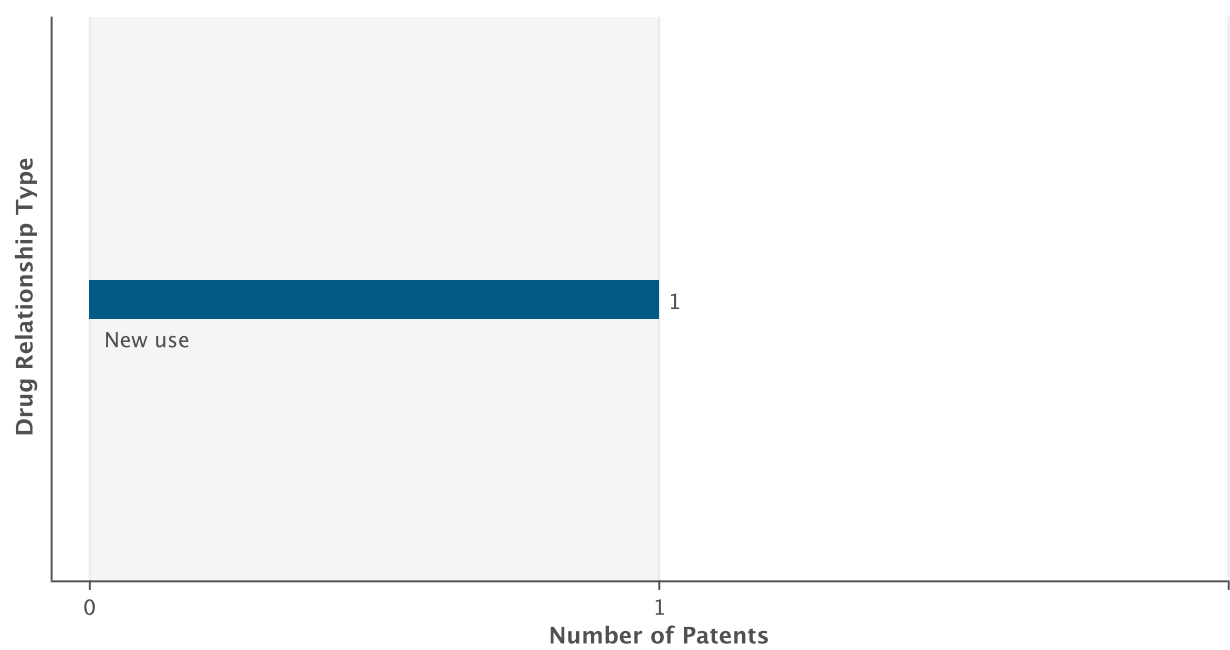


Patents by Parent Company Table

Company Name	As Owner	As Third Party	Total
GlobelImmune Inc	1	0	1

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Patents by Drug Relationship Type Chart



Patents by Drug Relationship Type Table

Drug Relationship	Total
New use	1

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GI-17000

GI-17000 SNAPSHOT

Drug Name	GI-17000
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Obesity;Viral infection
Target-based Actions	
Other Actions	Unspecified drug target;Antiviral
Technologies	Antigen presentation system;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	21-Sep-2012

GI-17000 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is investigating GI-17000, based on company's Tarmogen platform, for the potential treatment of viral obesity. In September 2012, the drug was listed as being in preclinical development.

GI-17000 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Obesity	US	Discovery	18-Sep-2012
GlobelImmune Inc	Viral infection	US	Discovery	18-Sep-2012

GI-17000 DRUG NAMES

Names	Type
GI-17000	Research Code

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GI-9000

GI-9000 SNAPSHOT

Drug Name	GI-9000
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc
Inactive Companies	
Highest Status	Discovery
Active Indications	Fungal infection
Target-based Actions	SETX gene modulator
Other Actions	Recombinant fungal vector vaccine;Immunostimulant;Therapeutic vaccine;Fungicide
Technologies	Antigen presentation system;Yeast recombinant;Biological therapeutic;Parenteral formulation unspecified
Last Change Date	25-Sep-2012

GI-9000 DEVELOPMENT PROFILE

SUMMARY

GlobelImmune is investigating GI-9000, a Tarmogen vaccine, for the potential treatment of fungal infection. In April 2008, the vaccine was in preclinical studies. In September 2012, this was still the case.

GI-9000 DEVELOPMENT STATUS

CURRENT DEVELOPMENT STATUS

Company	Indication	Country	Development Status	Date
GlobelImmune Inc	Fungal infection	US	Discovery	30-Apr-2008

GI-9000 DRUG NAMES

Names	Type
GI-9000	Research Code
antifungal vaccine (recombinant yeast), GlobelImmune	

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