

GlobelImmune Inc

COMPANY AND PIPELINE OVERVIEW REPORT

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

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THOMSON REUTERS

3 Times Square
New York, New York 10036
United States

Tel: +1 646 223 4000

thomsonreuters.com

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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i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.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	6
Number of Inactive Drugs	12
Number of Patents as Owner	17
Number of Patents as Third Party	2
Number of Deals	7
Key Indications	Breast tumor,Hepatitis D virus infection,Non-small-cell lung cancer,Pancreas tumor,Chordoma,Colorectal tumor,HIV infection,Medullary thyroid cancer,Mycobacterium tuberculosis infection,Cancer
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,Tumor antigen

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.

TECHNOLOGY INFORMATION

Tarmogens are whole, heat-killed, recombinant *Saccharomyces cerevisiae* engineered to produce one or more target disease proteins or antigens that stimulate the immune system against diseased cells.

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.

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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, coccidioidmycosis, cryptococcosis leishmaniasis, discovered using GlobelImmune's Tarmogen technology. The research was supported by 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.

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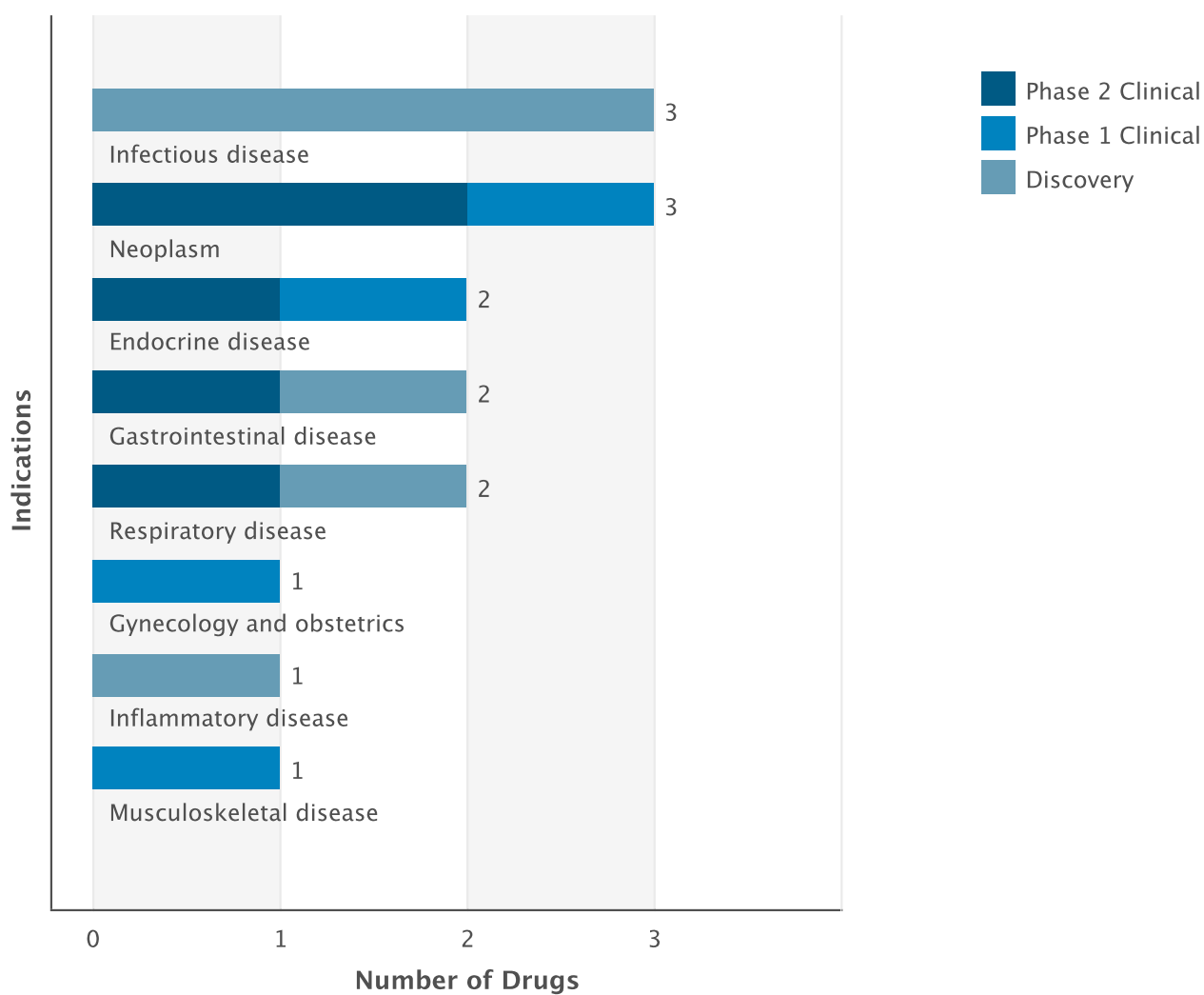


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



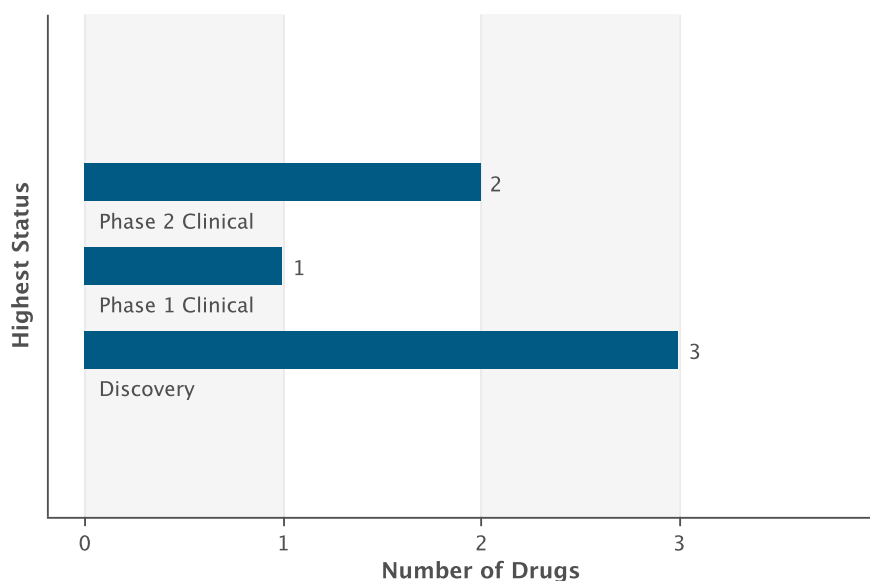
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Drugs by Indication Table

Indication	Active	Inactive	Total
Neoplasm	3	6	9
Infectious disease	3	6	9
Gastrointestinal disease	2	2	4
Respiratory disease	2	2	4
Endocrine disease	2	1	3
Inflammatory disease	1	2	3
Gynecology and obstetrics	1	1	2
Dermatological disease	0	2	2
Immune disorder	0	2	2
Neurological disease	0	1	1
Hematological disease	0	1	1
Musculoskeletal disease	1	0	1
Nutritional disorder	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	2
Phase 1 Clinical	1
Discovery	3
Discontinued	1
No Development Reported	11

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	2	6
Gastrointestinal disease	1	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	2	5
Phase 1	0	3

Phase Definitions

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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
Cardiovascular disease	0	1	1
Endocrine disease	2	0	2
Gastrointestinal disease	7	0	7
Genitourinary disease	2	0	2
Hematological disease	0	1	1
Degeneration	1	0	1
Andrology	1	0	1
Immune disorder	1	1	2
Neoplasm	10	0	10
Ocular disease	0	1	1
Neurological disease	2	1	3
Nutritional disorder	1	0	1
Prophylaxis	1	0	1
Respiratory disease	3	0	3
Infectious disease	13	1	14
Inflammatory disease	7	1	8
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 DRUGS

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

GI-4000

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, Antigen presentation system, Yeast recombinant, Subcutaneous formulation, Biological therapeutic
Last Change Date	21-Nov-2013

GI-6207

Drug Name	GI-6207
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	Celgene Corp, 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, Recombinant vector vaccine, Anticancer
Technologies	Yeast recombinant, Subcutaneous formulation, Biological therapeutic
Last Change Date	04-Oct-2013

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GI-6301

Drug Name	GI-6301
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc, Celgene Corp
Inactive Companies	
Highest Status	Phase 1 Clinical
Active Indications	Breast tumor, Chordoma
Target-based Actions	Brachyury protein modulator
Other Actions	Therapeutic vaccine, Anticancer, Recombinant fungal vector vaccine, Immunostimulant
Technologies	Antigen presentation system, Yeast recombinant, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	19-Nov-2013

GI-2010

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	Recombinant fungal vector vaccine, Antiviral, Immunostimulant, Therapeutic vaccine
Technologies	Antigen presentation system, Viral core protein, Yeast recombinant, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	19-Nov-2013

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GI-18000

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	Antiviral, Unspecified drug target, Anti-inflammatory
Technologies	Antigen presentation system, Yeast recombinant, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	19-Nov-2013

GI-19000

Drug Name	GI-19000
Key Synonyms	
Originator Company	GlobelImmune Inc
Active Companies	GlobelImmune Inc, Colorado State University
Inactive Companies	
Highest Status	Discovery
Active Indications	Mycobacterium tuberculosis infection
Target-based Actions	
Other Actions	Therapeutic vaccine, Unspecified drug target, Prophylactic vaccine, Antibacterial
Technologies	Antigen presentation system, Yeast recombinant, Biological therapeutic, Parenteral formulation unspecified
Last Change Date	29-Jan-2014

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